

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009593.D
 Acq On : 15 May 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:13:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	147775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	238714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	219267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	96580	47.88	ug/l	0.00
Spiked Amount						
			Recovery	=	95.76%	
35) Dibromofluoromethane	5.50	113	72213	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	281421	46.45	ug/l	0.00
Spiked Amount						
			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.13	95	106960	48.59	ug/l	0.00
Spiked Amount						
			Recovery	=	97.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59511	43.701	ug/l	100
3) Chloromethane	1.32	50	93878	50.495	ug/l	99
4) Vinyl Chloride	1.41	62	90812	50.091	ug/l	99
5) Bromomethane	1.64	94	56232	51.677	ug/l	95
6) Chloroethane	1.71	64	58931	50.630	ug/l	99
7) Trichlorofluoromethane	1.92	101	113143	51.342	ug/l	98
8) Diethyl Ether	2.19	74	53782	51.523	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68406	49.431	ug/l	99
10) Methyl Iodide	2.51	142	86827	53.633	ug/l	100
11) Tert butyl alcohol	3.06	59	133882	286.712	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70635	50.943	ug/l	98
13) Acrolein	2.29	56	86961	205.635	ug/l	99
14) Allyl chloride	2.73	41	170637	50.499	ug/l	99
15) Acrylonitrile	3.14	53	313140	274.265	ug/l	99
16) Acetone	2.45	43	277200	255.905	ug/l	99
17) Carbon Disulfide	2.56	76	189878	48.776	ug/l	100
18) Methyl Acetate	2.78	43	145159	56.348	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	286432	53.197	ug/l	100
20) Methylene Chloride	2.85	84	87792	50.056	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	77323	51.421	ug/l	99
22) Diisopropyl ether	3.85	45	342611	52.723	ug/l	96
23) Vinyl Acetate	3.82	43	1549222	278.408	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165091	51.499	ug/l	99
25) 2-Butanone	4.68	43	467321	277.625	ug/l	99
26) 2,2-Dichloropropane	4.58	77	110145	46.161	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	91842	51.169	ug/l	99
28) Bromochloromethane	5.02	49	59228	45.659	ug/l	98
29) Tetrahydrofuran	5.13	42	308643	284.940	ug/l	99
30) Chloroform	5.21	83	151299	52.184	ug/l	97
31) Cyclohexane	5.58	56	152003	50.966	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	125284	51.908	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114496	51.612	ug/l	99
37) Ethyl Acetate	4.84	43	172202	55.713	ug/l	99
38) Carbon Tetrachloride	5.79	117	103719	51.459	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135882	49.876	ug/l	100
40) Benzene	6.14	78	356009	51.854	ug/l	98
41) Methacrylonitrile	5.04	41	98613	53.597	ug/l	99
42) 1,2-Dichloroethane	6.19	62	130997	53.190	ug/l	99
43) Isopropyl Acetate	6.45	43	271875	54.990	ug/l	99
44) Trichloroethene	7.21	130	83928	50.566	ug/l	100
45) 1,2-Dichloropropane	7.51	63	101971	52.453	ug/l	100
46) Dibromomethane	7.66	93	59120	52.369	ug/l	100
47) Bromodichloromethane	7.90	83	118907	52.803	ug/l	98
48) Methyl methacrylate	7.77	41	138199	56.342	ug/l	99
49) 1,4-Dioxane	7.74	88	53974	1085.042	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	935977	289.639	ug/l	99
52) Toluene	8.79	92	217792	52.186	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136958	53.869	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148877	52.904	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	89427	52.523	ug/l	96
56) Ethyl methacrylate	9.18	69	167611	55.148	ug/l	98
57) 1,3-Dichloropropane	9.37	76	158069	52.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	390575	242.242	ug/l	100
59) 2-Hexanone	9.49	43	732745	288.709	ug/l	99
60) Dibromochloromethane	9.58	129	90287	54.294	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91750	53.384	ug/l	100
64) Tetrachloroethene	9.34	164	74689	49.658	ug/l	97
65) Chlorobenzene	10.14	112	227664	51.903	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	83384	52.435	ug/l	100
67) Ethyl Benzene	10.25	91	420837	52.132	ug/l	98
68) m/p-Xylenes	10.36	106	311837	105.709	ug/l	99
69) o-Xylene	10.70	106	152038	52.237	ug/l	99
70) Styrene	10.71	104	271913	53.751	ug/l	99
71) Bromoform	10.85	173	71093	55.013	ug/l #	99
73) Isopropylbenzene	11.02	105	406814	50.160	ug/l	100
74) N-amyl acetate	10.90	43	256590	54.265	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156268	51.686	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185096	71.545	ug/l	81
77) Bromobenzene	11.26	156	104042	51.684	ug/l	97
78) n-propylbenzene	11.36	91	470492	50.795	ug/l	100
79) 2-Chlorotoluene	11.42	91	283931	49.686	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	347235	50.847	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51737	51.168	ug/l	97
82) 4-Chlorotoluene	11.51	91	326476	50.571	ug/l	100
83) tert-Butylbenzene	11.77	119	333338	50.177	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	351187	51.234	ug/l	100
85) sec-Butylbenzene	11.94	105	395501	50.216	ug/l	100
86) p-Isopropyltoluene	12.06	119	360174	50.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	182010	50.719	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181031	50.037	ug/l	99
89) n-Butylbenzene	12.38	91	325701	50.894	ug/l	100
90) Hexachloroethane	12.60	117	61938	51.346	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	182973	50.059	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36567	53.914	ug/l	97

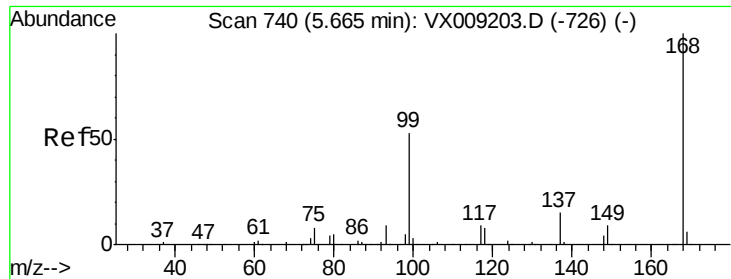
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128798	51.529	ug/l	98
94) Hexachlorobutadiene	13.78	225	64172	50.276	ug/l	98
95) Naphthalene	13.83	128	431364	53.045	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129938	51.285	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

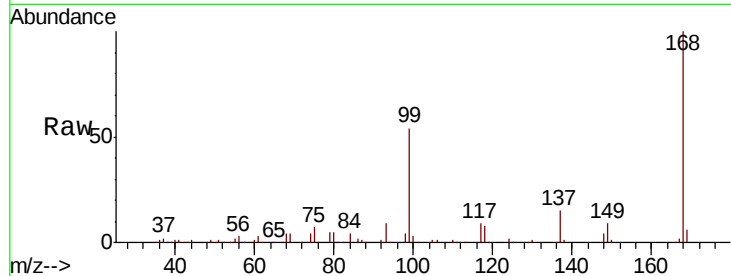
ClientSampled :

Tot Ion:168 Resp: 147775

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5

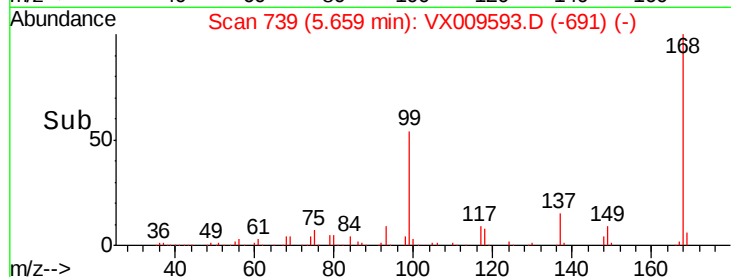


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

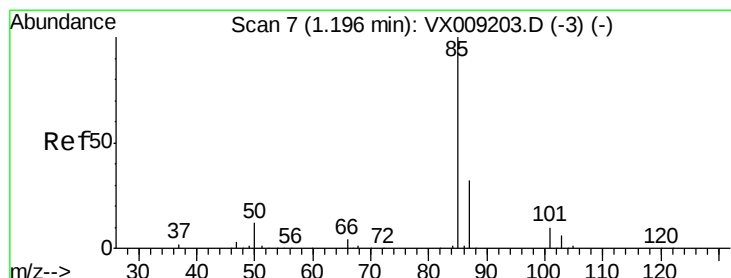
5.66

Time-->



5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 43.701 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009593.D

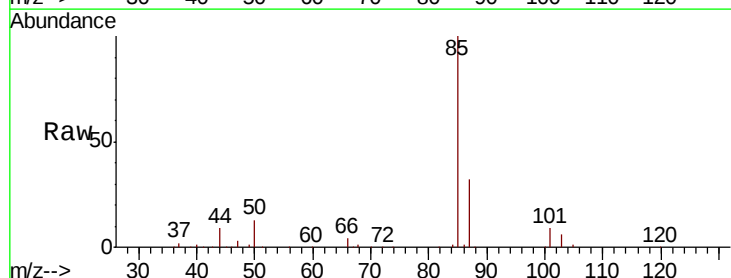
Acq: 15 May 2019 20:18

Tgt Ion: 85 Resp: 59511

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3

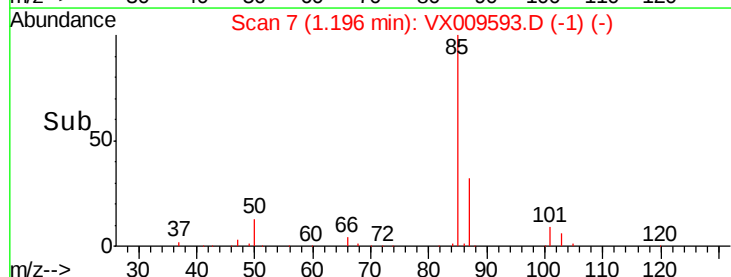


Abundance Ion 84.90 (84.60 to 85.60): VX0

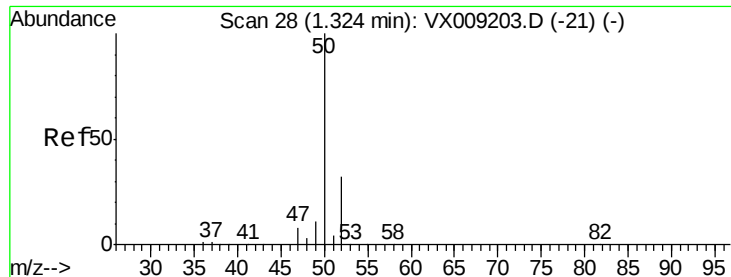
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 50.495 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

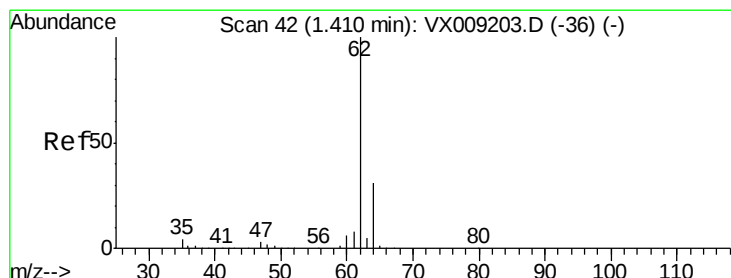
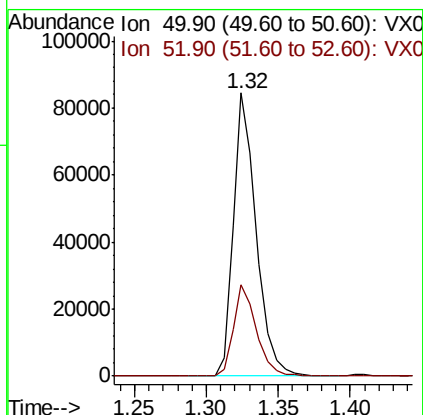
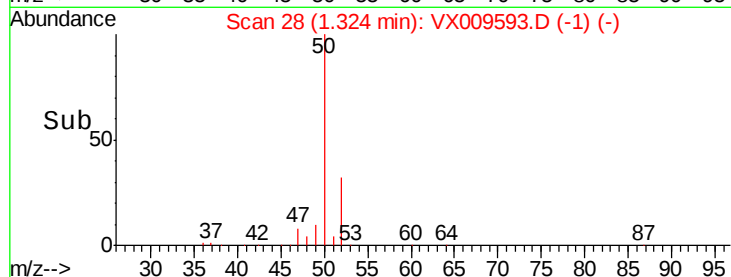
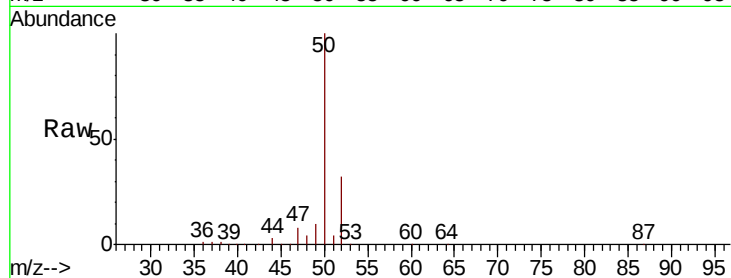
ClientSampleId :

Tot Ion: 50 Resp: 93878

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



#4

Vinyl Chloride

Concen: 50.091 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009593.D

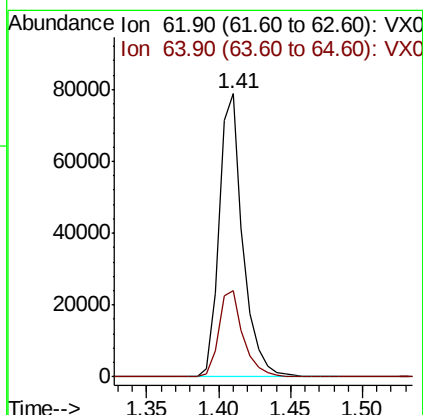
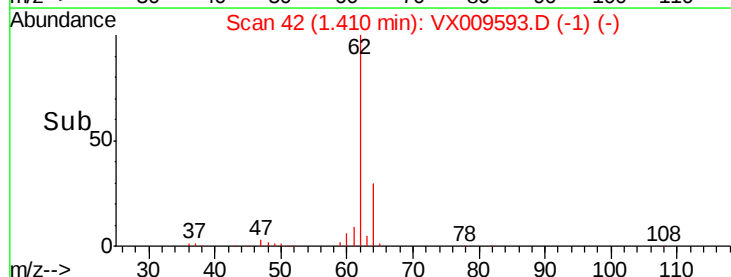
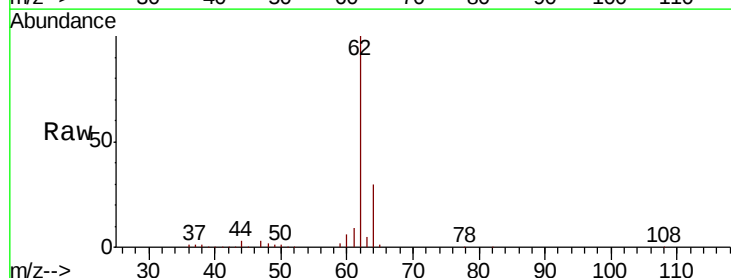
Acq: 15 May 2019 20:18

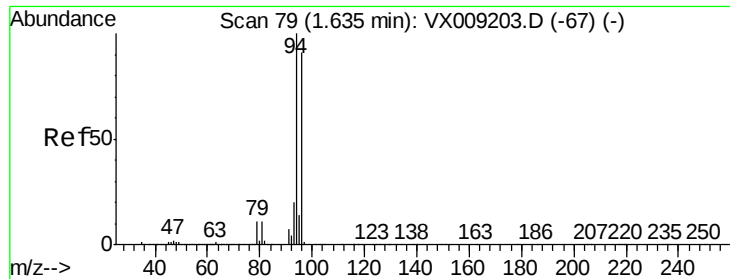
Tgt Ion: 62 Resp: 90812

Ion Ratio Lower Upper

62 100

64 30.3 24.6 36.8





#5

Bromomethane

Concen: 51.677 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

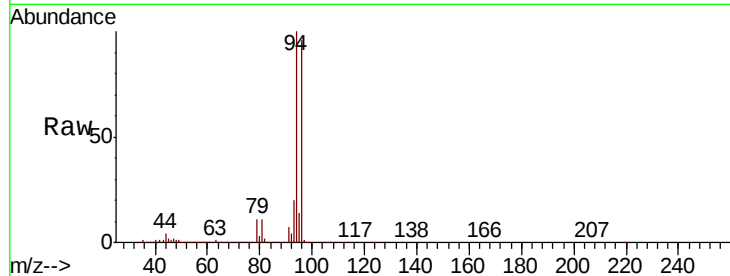
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 56232

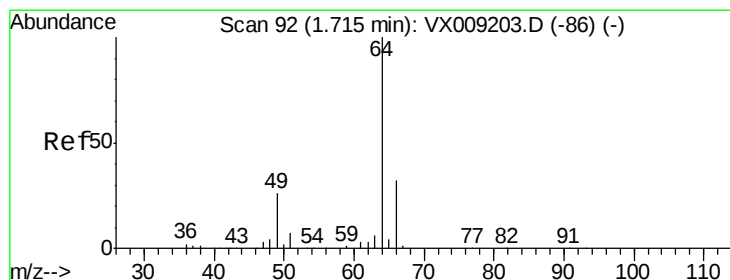
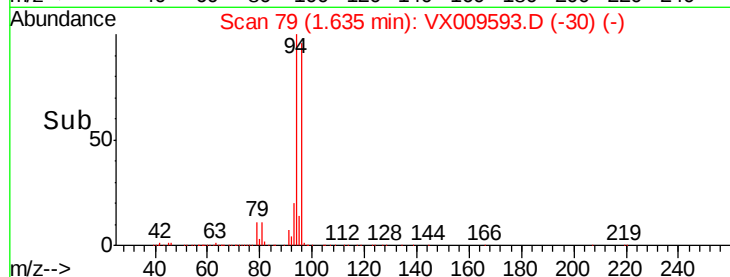
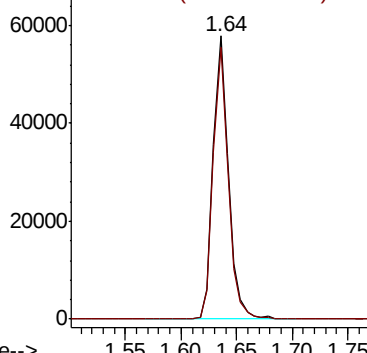
Ion Ratio Lower Upper

94 100

96 96.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.630 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009593.D

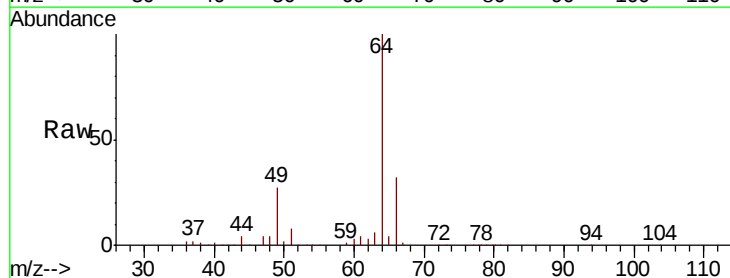
Acq: 15 May 2019 20:18

Tgt Ion: 64 Resp: 58931

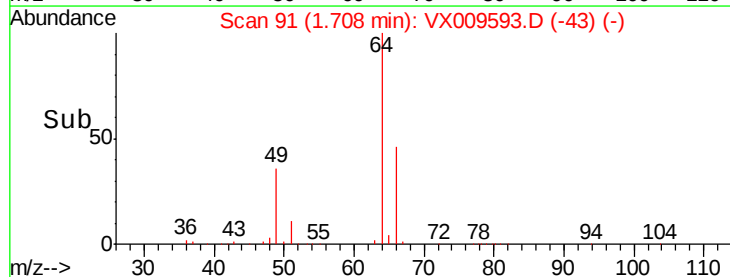
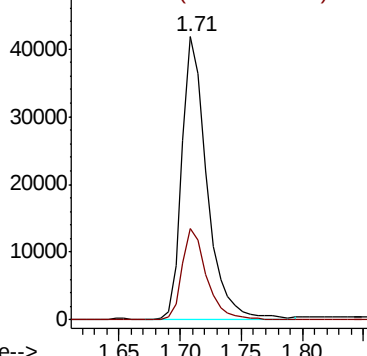
Ion Ratio Lower Upper

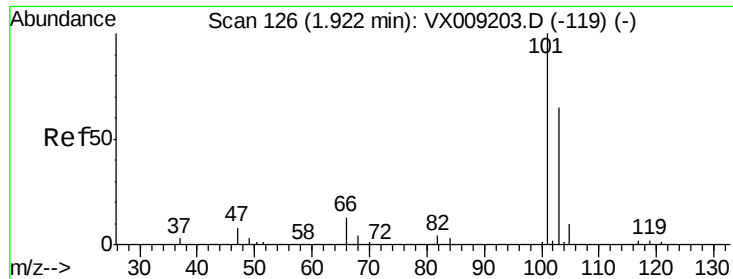
64 100

66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



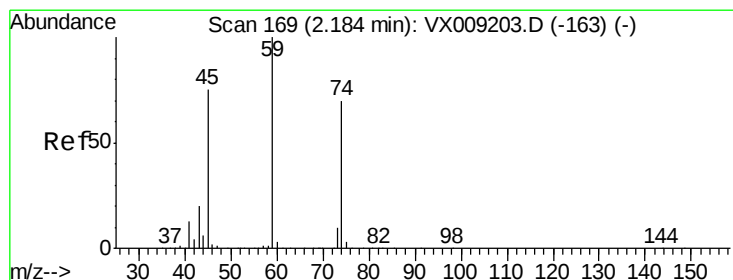
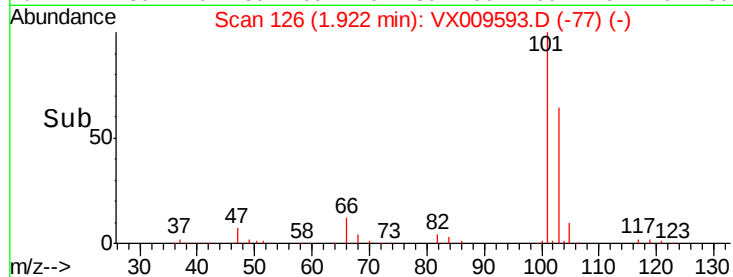
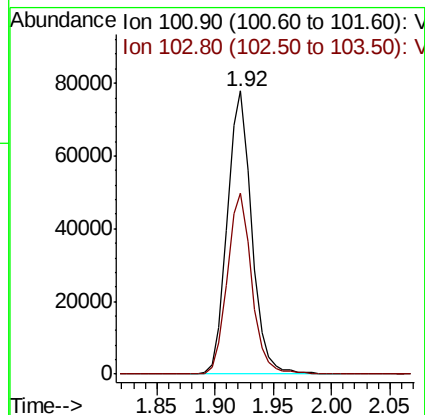
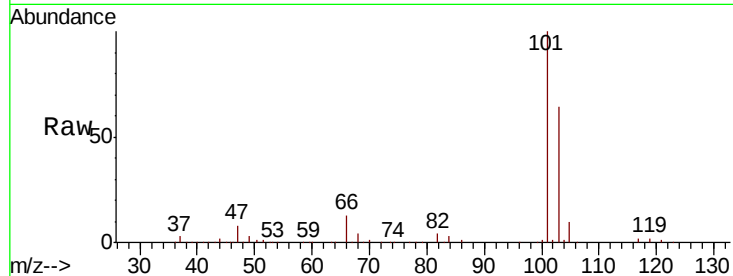


#7

Trichlorofluoromethane
 Concen: 51.342 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :

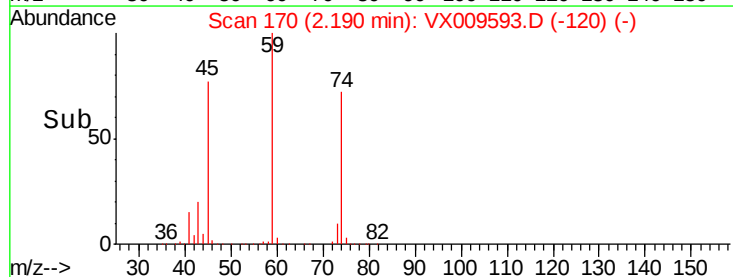
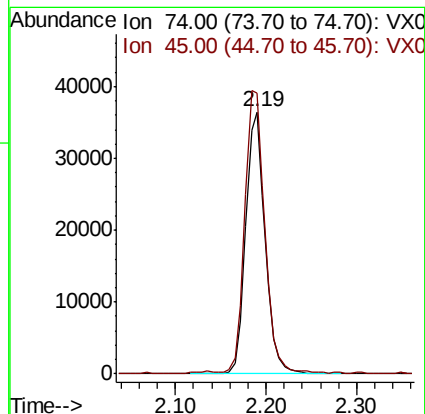
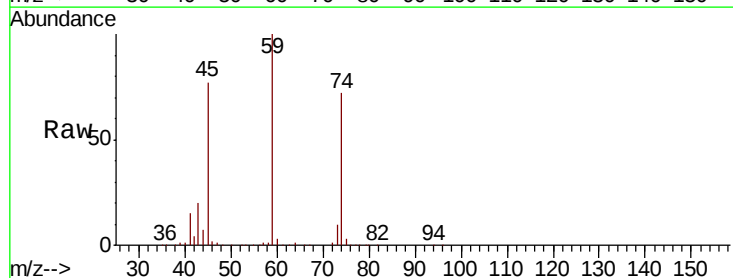
Tot Ion:101 Resp: 113143
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.4 78.6

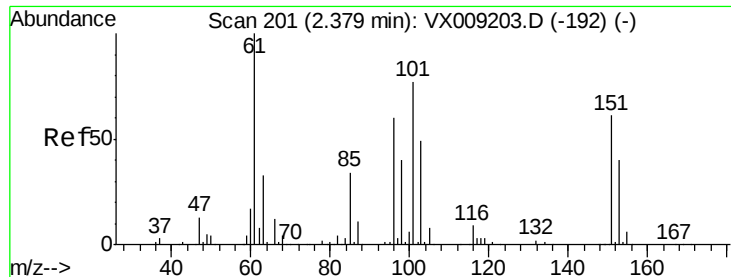


#8

Diethyl Ether
 Concen: 51.523 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion: 74 Resp: 53782
 Ion Ratio Lower Upper
 74 100
 45 114.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.431 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

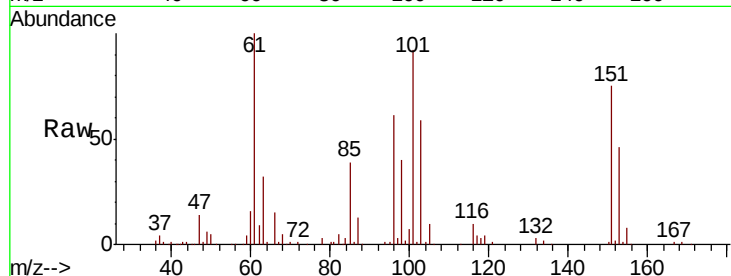
Tot Ion:101 Resp: 68406

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

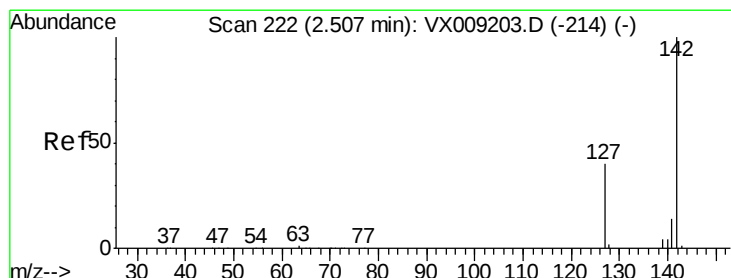
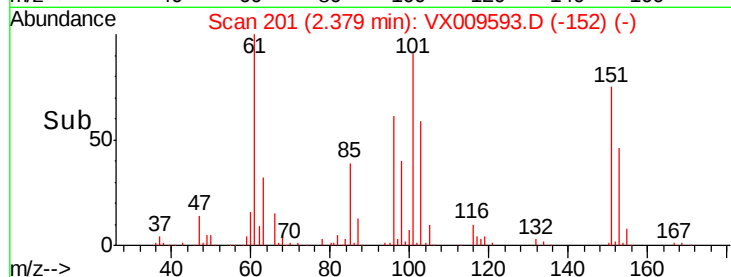
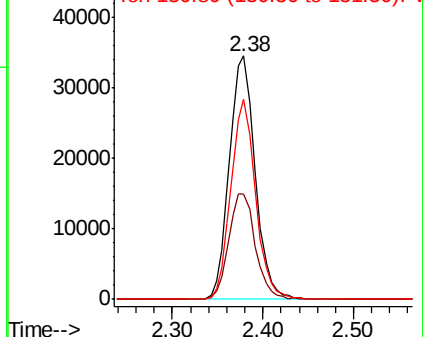
151 78.6 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.633 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

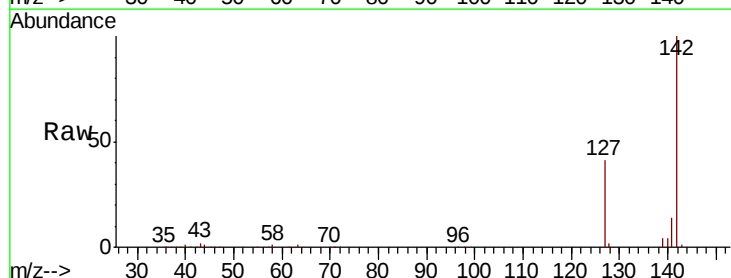
Tgt Ion:142 Resp: 86827

Ion Ratio Lower Upper

142 100

127 40.9 32.7 49.1

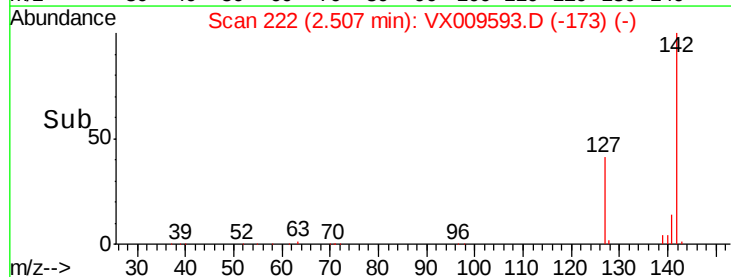
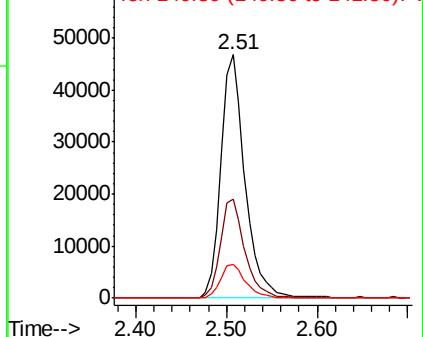
141 14.6 11.5 17.3

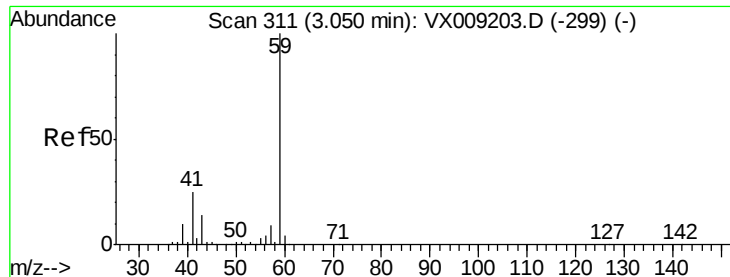


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



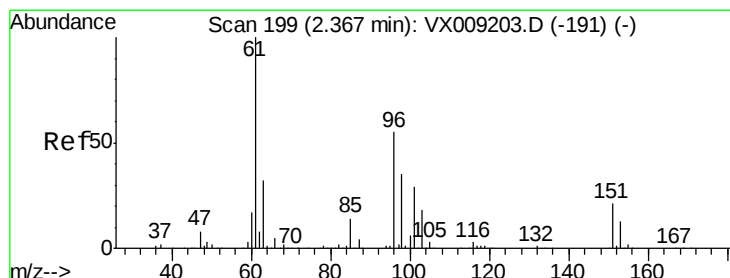
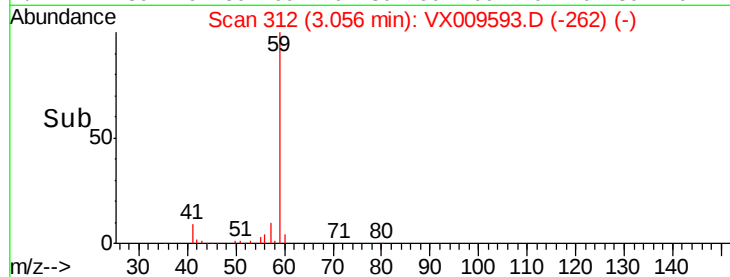
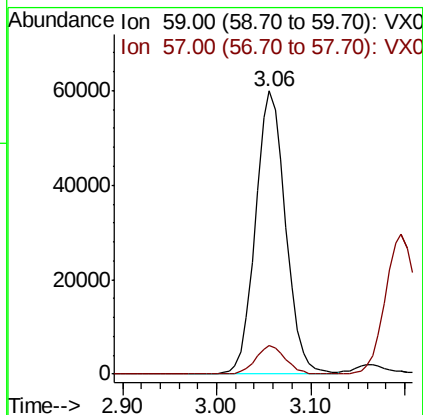
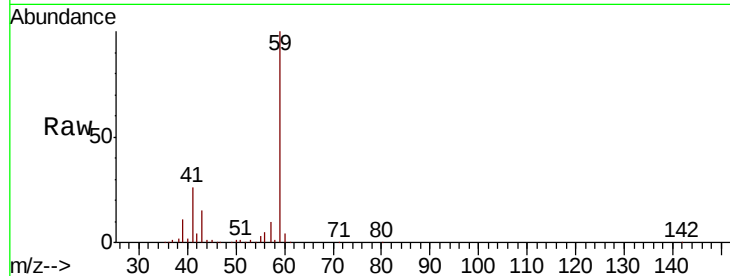


#11

Tert butyl alcohol
 Concen: 286.712 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :

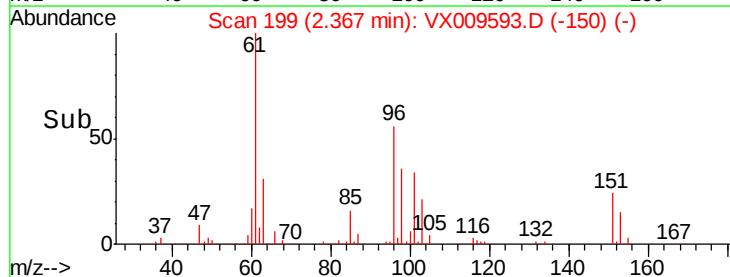
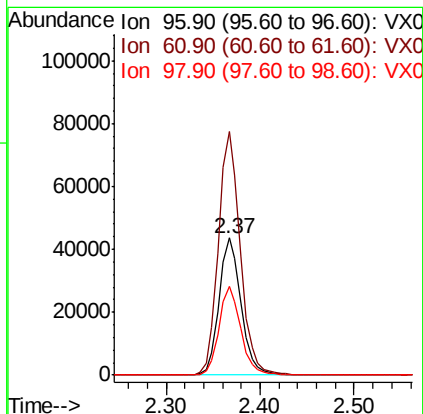
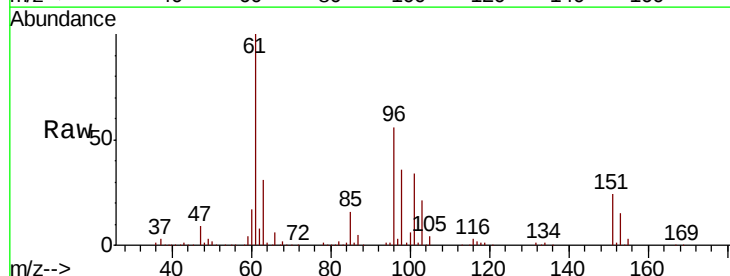
Tot Ion: 59 Resp: 133882
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

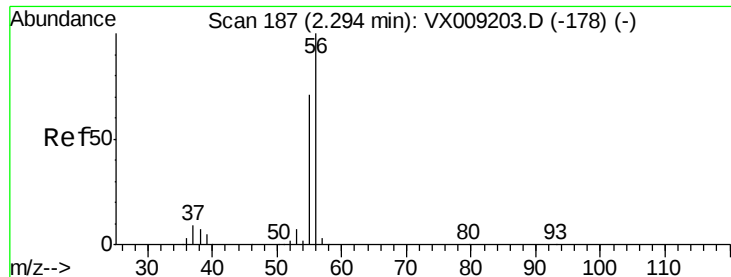


#12

1,1-Dichloroethene
 Concen: 50.943 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion: 96 Resp: 70635
 Ion Ratio Lower Upper
 96 100
 61 177.7 144.3 216.5
 98 64.4 50.3 75.5





#13

Acrolein

Concen: 205.635 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

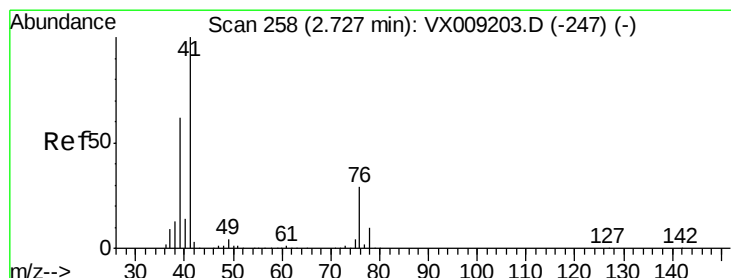
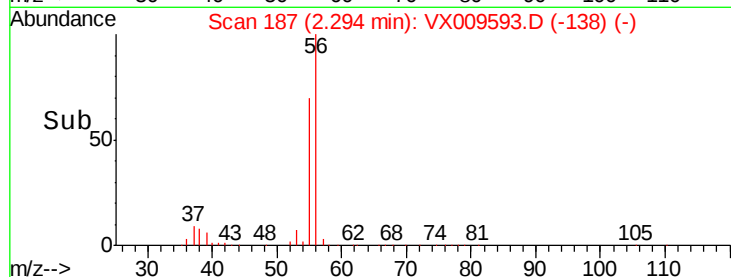
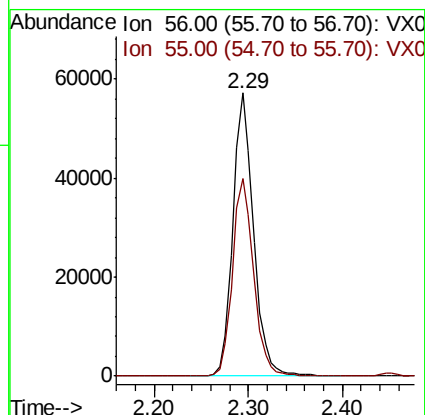
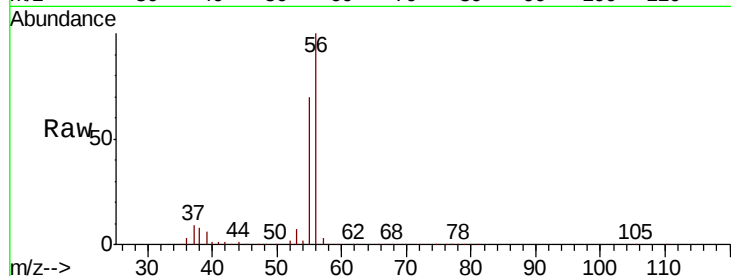
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 86961

Ion Ratio Lower Upper

56 100

55 71.8 56.6 85.0



#14

Allyl chloride

Concen: 50.499 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

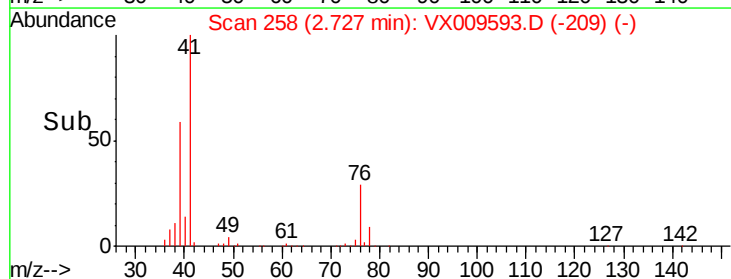
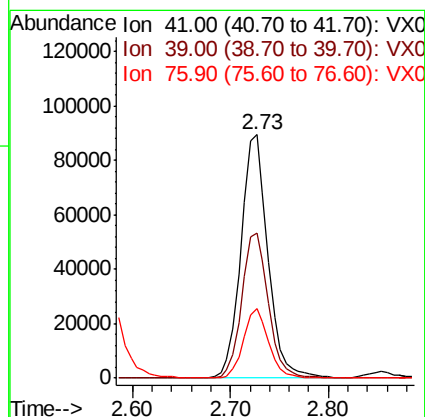
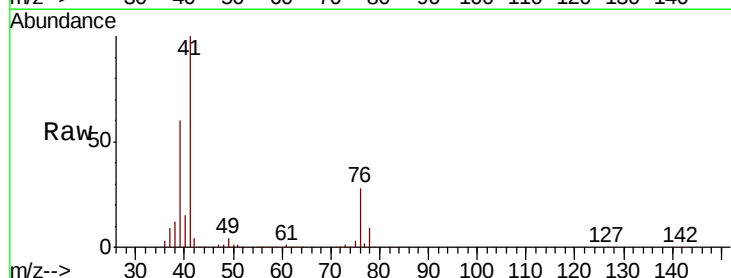
Tgt Ion: 41 Resp: 170637

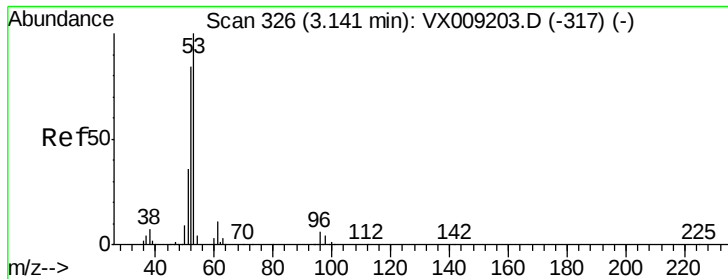
Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 26.9 21.8 32.8





#15

Acrylonitrile

Concen: 274.265 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

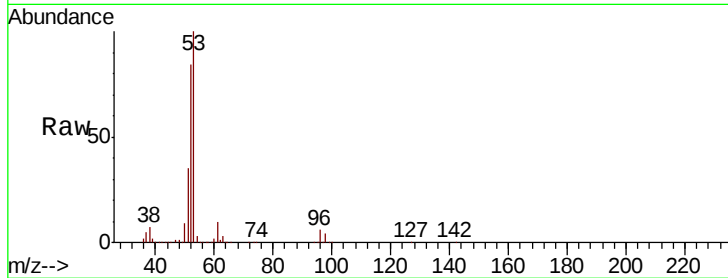
Tot Ion: 53 Resp: 313140

Ion Ratio Lower Upper

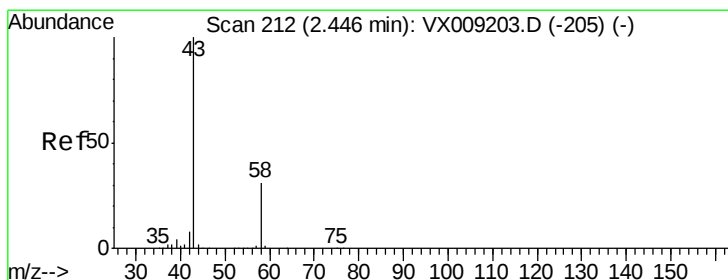
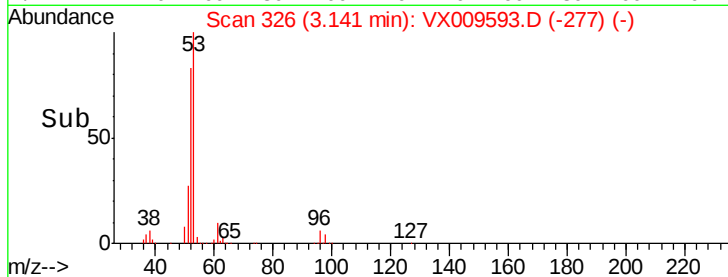
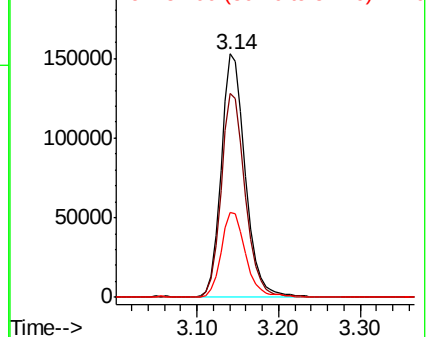
53 100

52 84.1 66.9 100.3

51 35.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 255.905 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009593.D

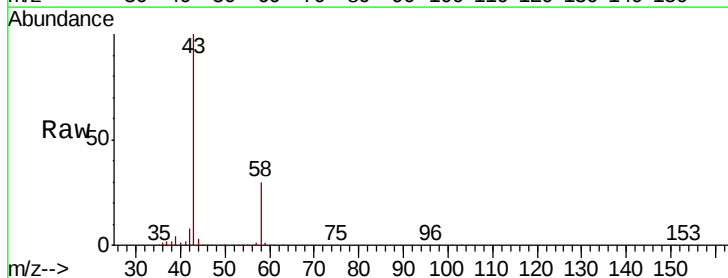
Acq: 15 May 2019 20:18

Tgt Ion: 43 Resp: 277200

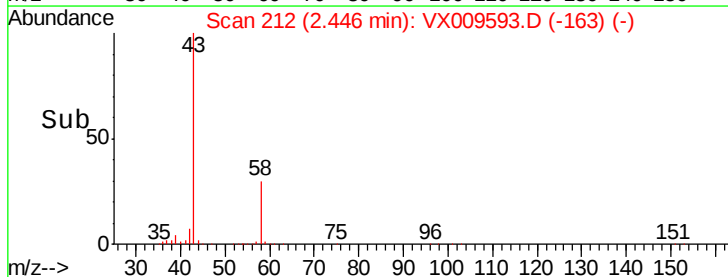
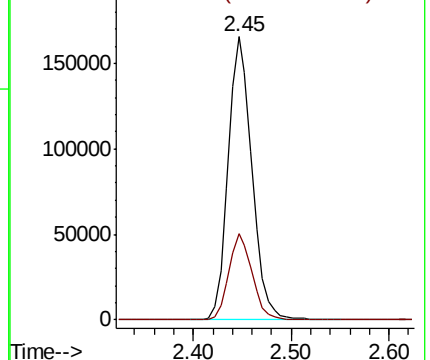
Ion Ratio Lower Upper

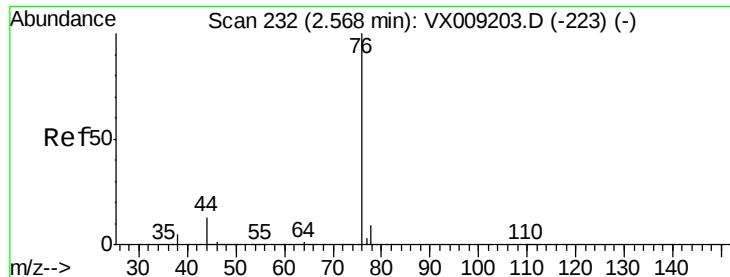
43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

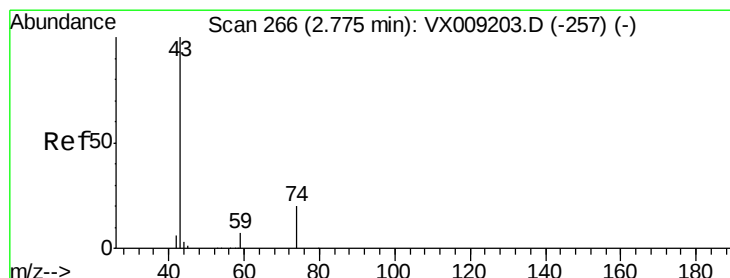
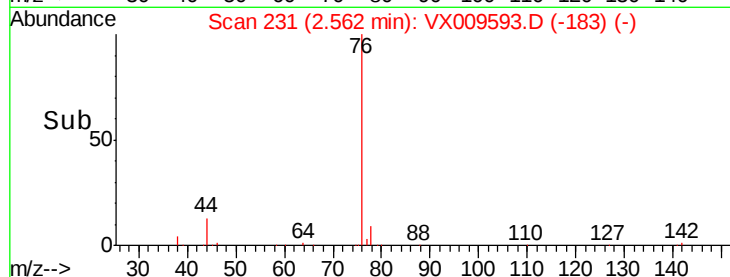
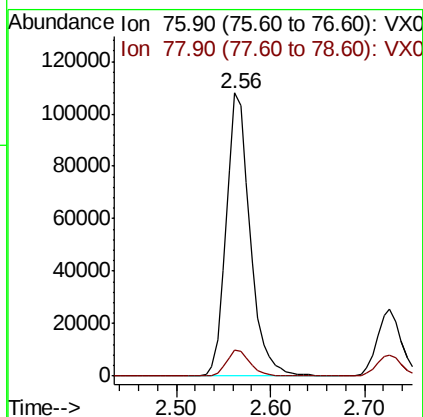
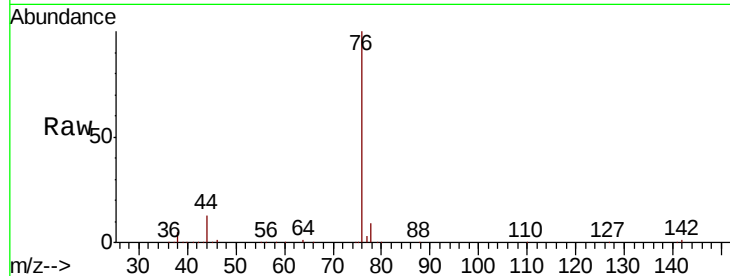




#17
Carbon Disulfide
Concen: 48.776 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

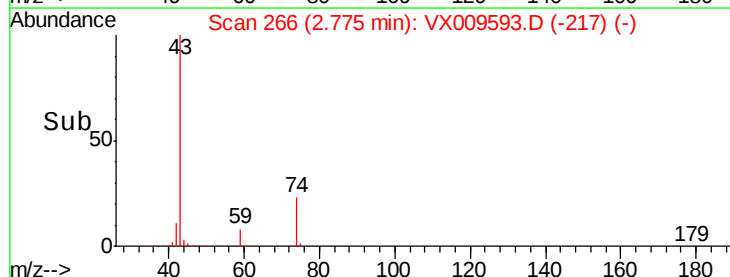
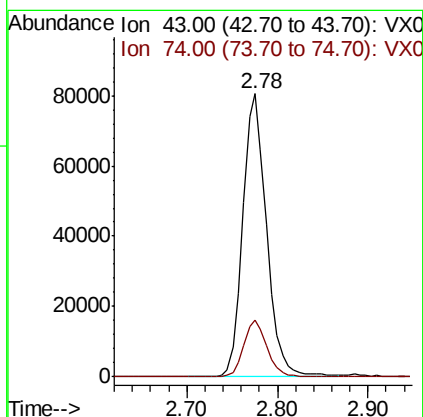
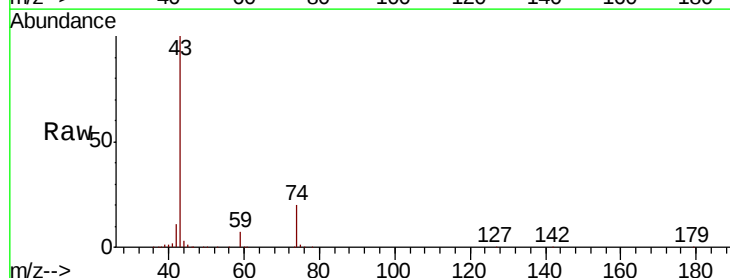
Instrument :
MSVOA_X
ClientSampleId :

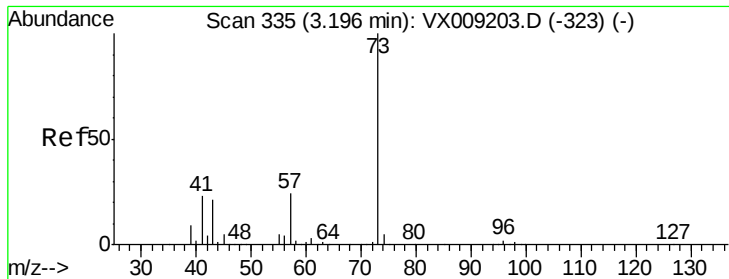
Tot Ion: 76 Resp: 189878
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 56.348 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion: 43 Resp: 145159
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.4



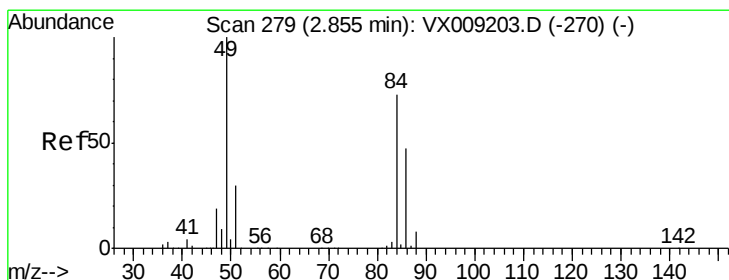
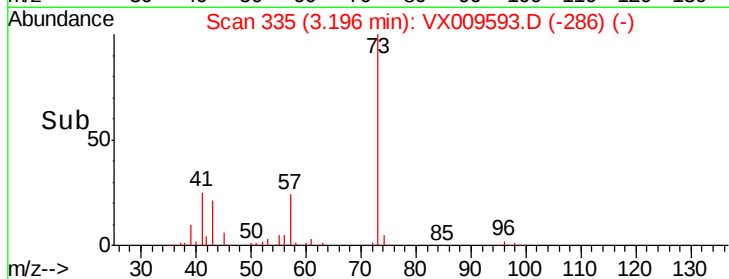
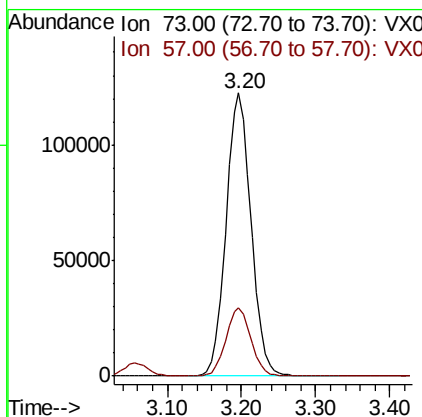
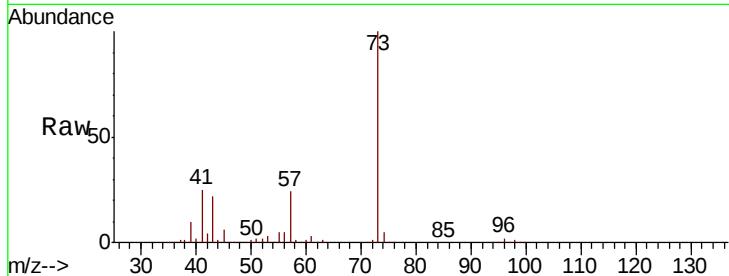


#19

Methyl tert-butyl Ether
 Concen: 53.197 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Instrument :
 MSVOA_X
 ClientSampled :

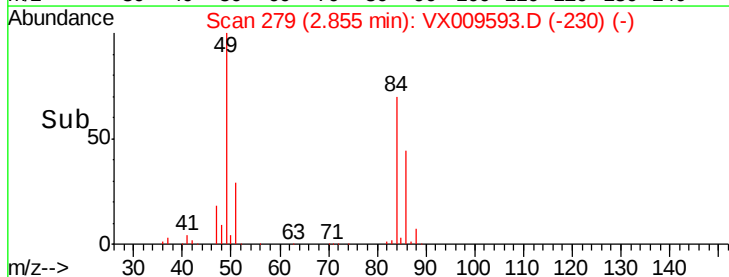
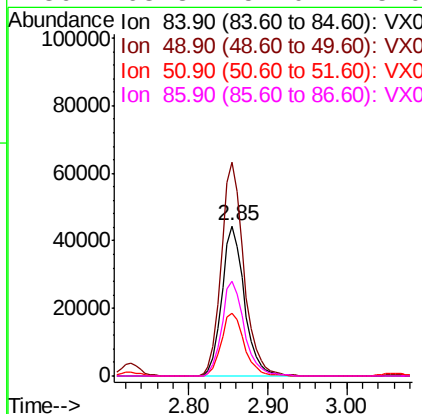
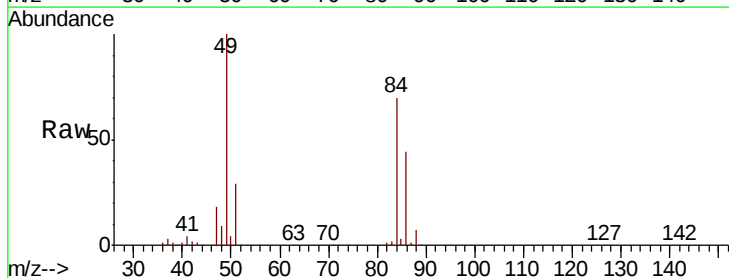
Tot Ion: 73 Resp: 286432
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.3 28.9

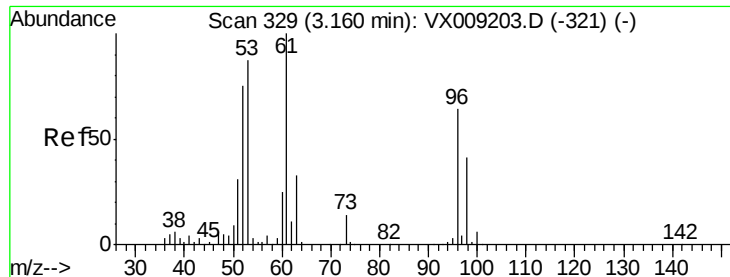


#20

Methylene Chloride
 Concen: 50.056 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion: 84 Resp: 87792
 Ion Ratio Lower Upper
 84 100
 49 142.6 109.9 164.9
 51 42.1 32.7 49.1
 86 63.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 51.421 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampled :

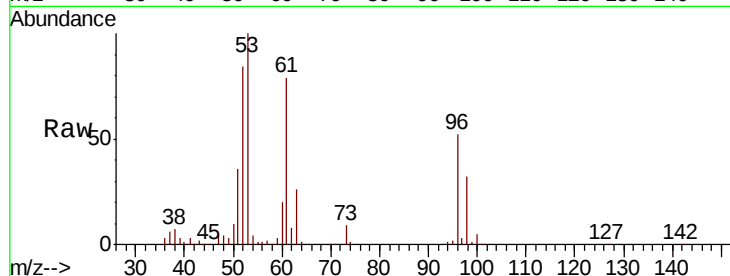
Tot Ion: 96 Resp: 77323

Ion Ratio Lower Upper

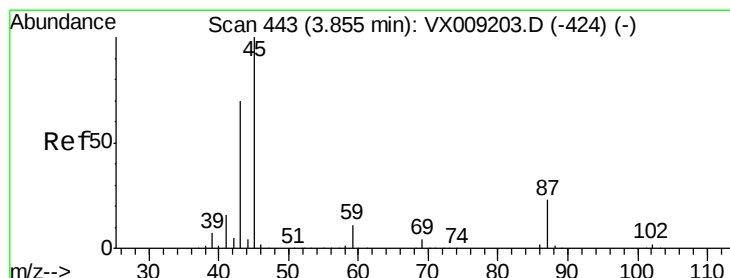
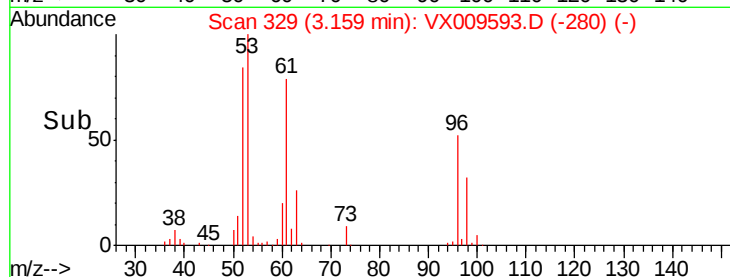
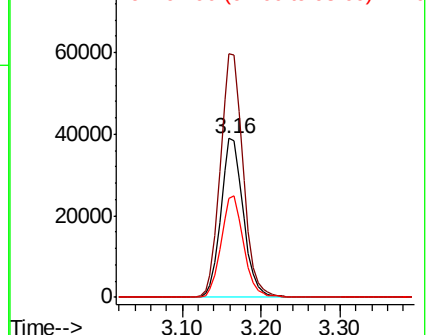
96 100

61 153.2 124.5 186.7

98 62.6 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.723 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Tgt Ion: 45 Resp: 342611

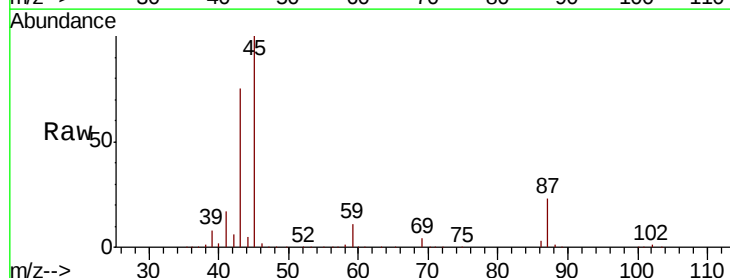
Ion Ratio Lower Upper

45 100

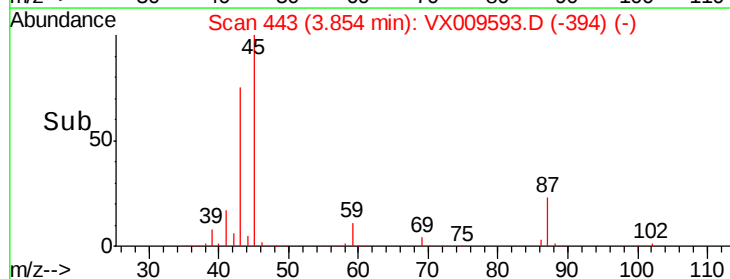
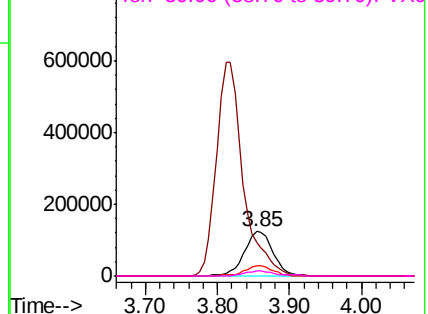
43 75.0 56.1 84.1

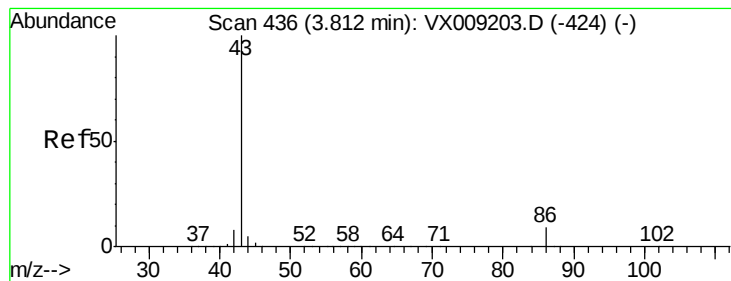
87 22.9 18.1 27.1

59 10.8 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 278.408 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

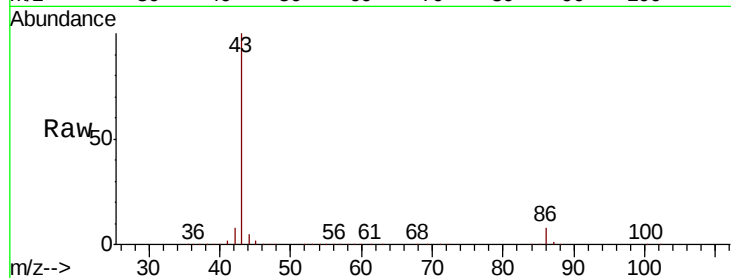
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1549222

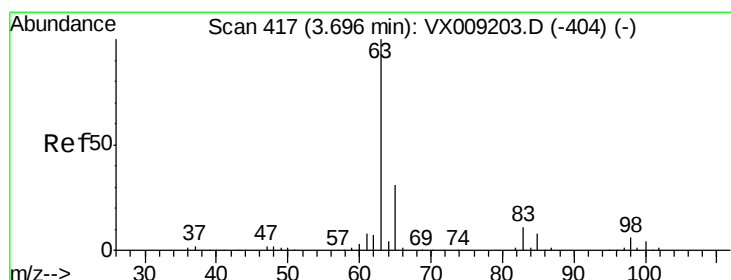
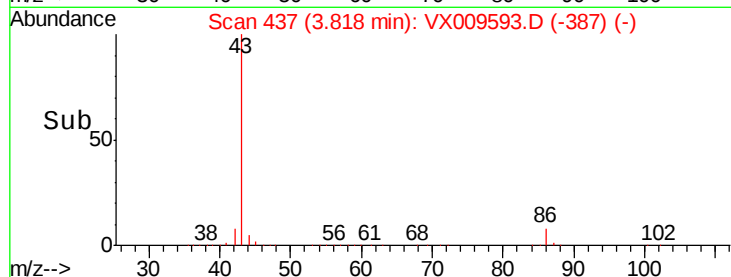
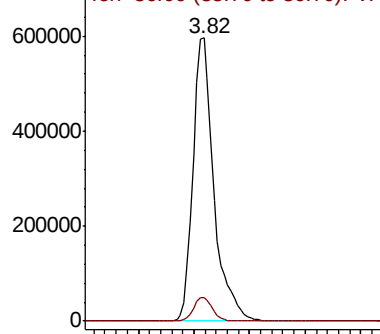
Ion Ratio Lower Upper

43 100

86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.499 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

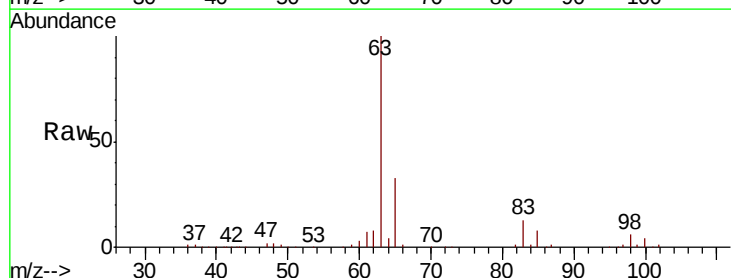
Tgt Ion: 63 Resp: 165091

Ion Ratio Lower Upper

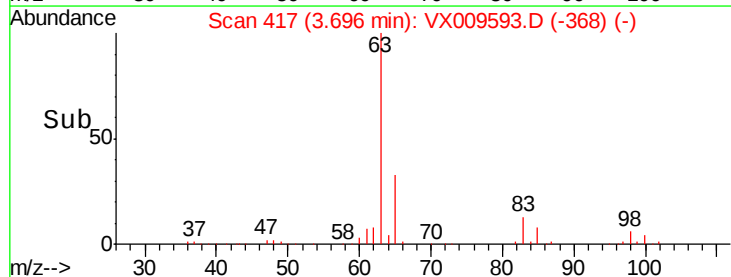
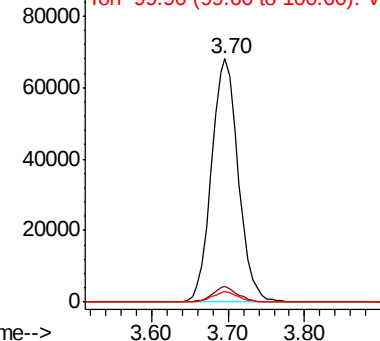
63 100

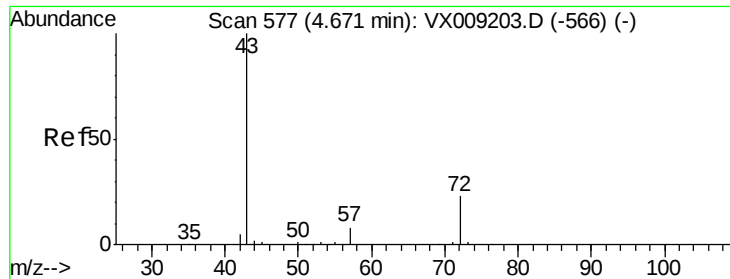
98 6.4 3.0 9.2

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 277.625 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

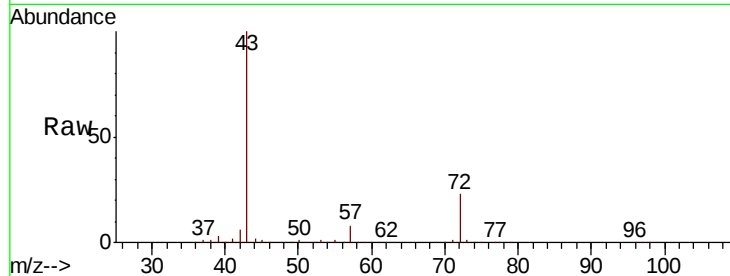
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 467321

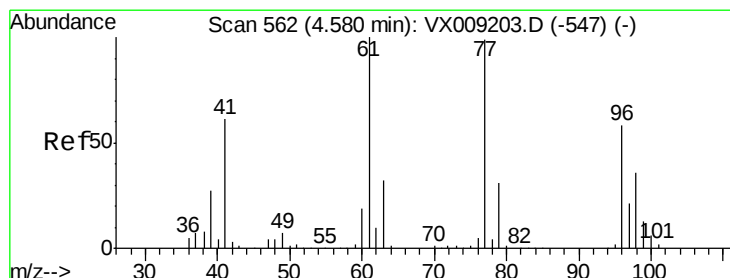
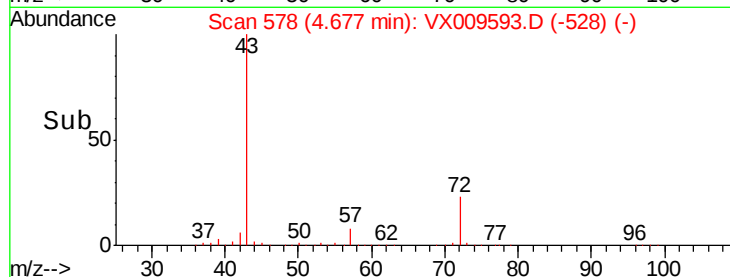
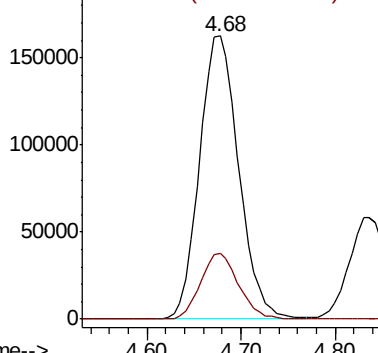
Ion Ratio Lower Upper

43 100

72 23.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.161 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009593.D

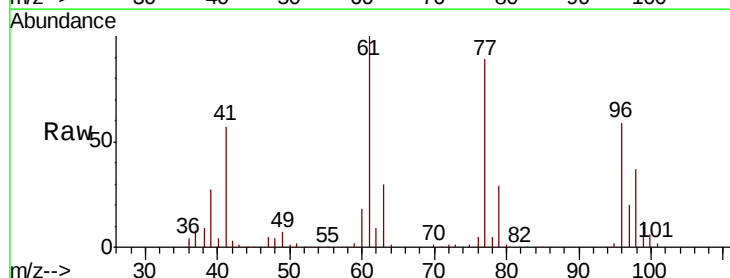
Acq: 15 May 2019 20:18

Tgt Ion: 77 Resp: 110145

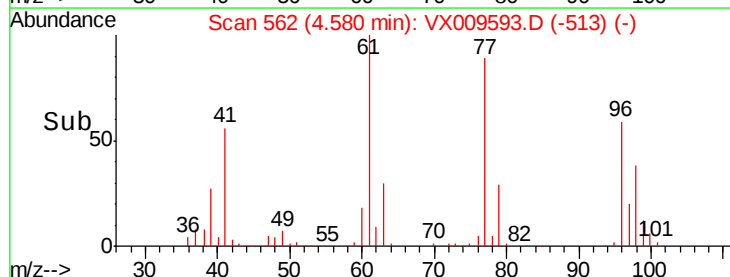
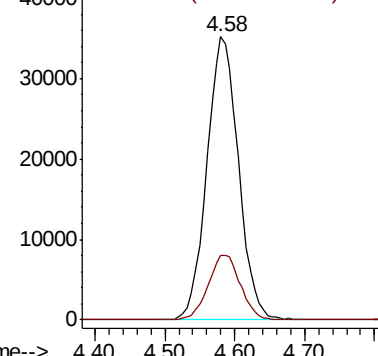
Ion Ratio Lower Upper

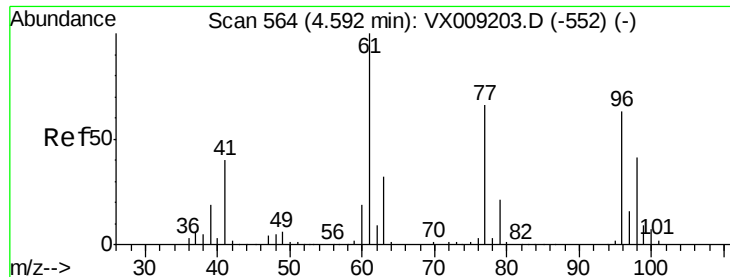
77 100

97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



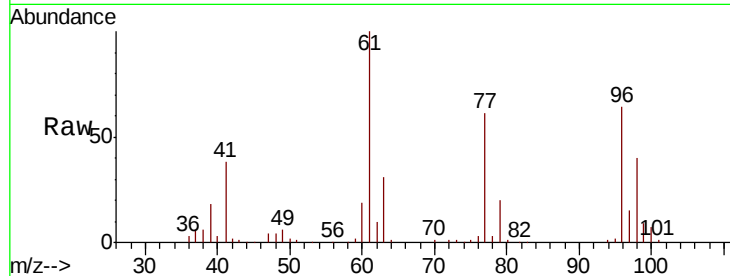


#27

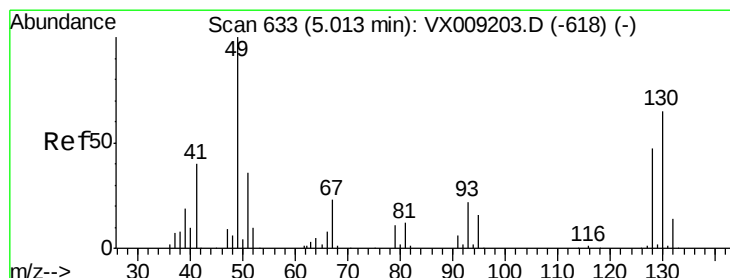
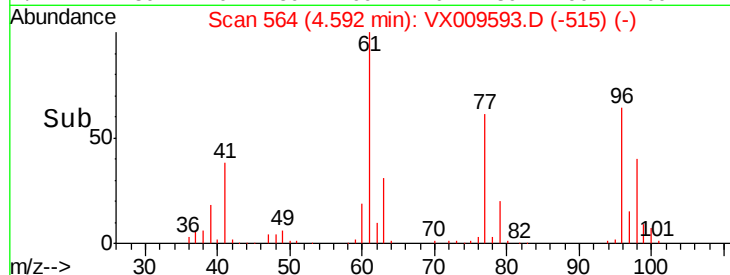
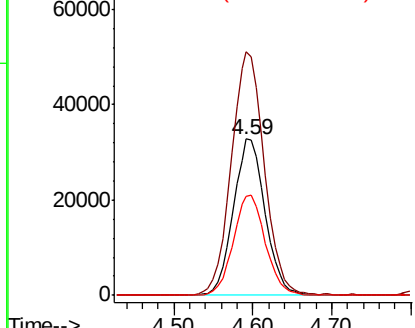
cis-1,2-Dichloroethene
Concen: 51.169 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 91842
Ion Ratio Lower Upper
96 100
61 161.4 0.0 324.0
98 64.5 0.0 130.4



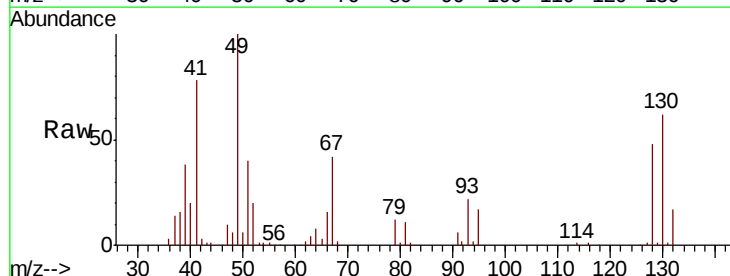
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



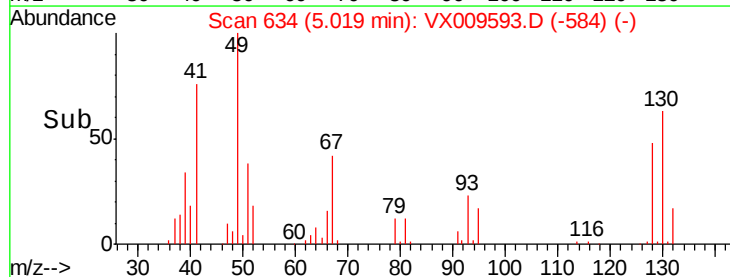
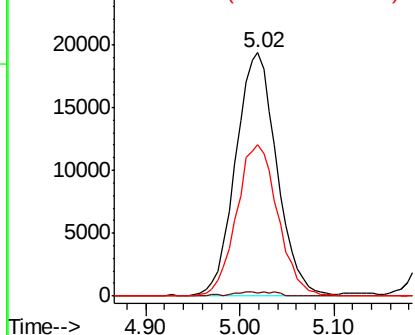
#28

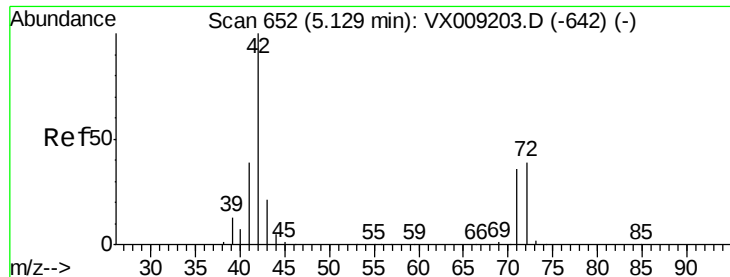
Bromochloromethane
Concen: 45.659 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion: 49 Resp: 59228
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 62.3 51.2 76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 284.940 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

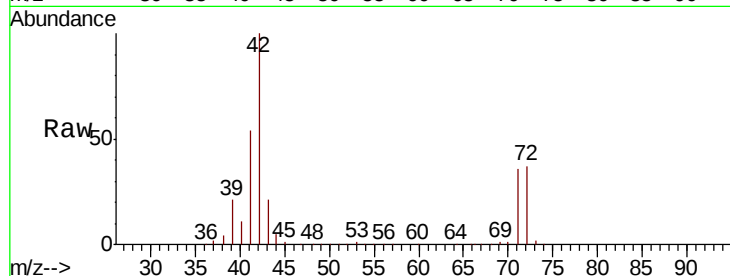
Tot Ion: 42 Resp: 308643

Ion Ratio Lower Upper

42 100

72 37.4 30.4 45.6

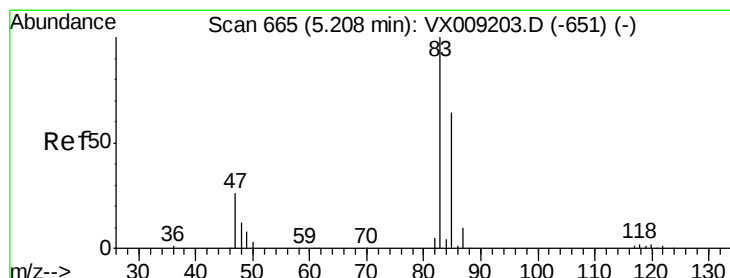
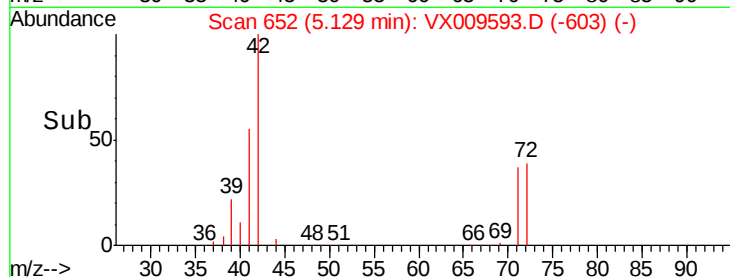
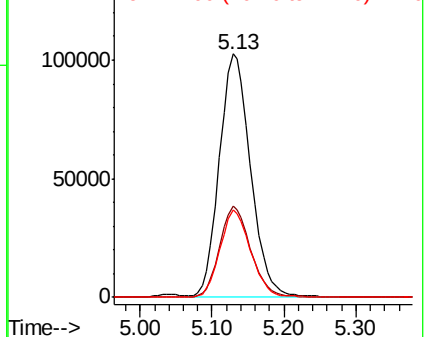
71 35.3 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.184 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009593.D

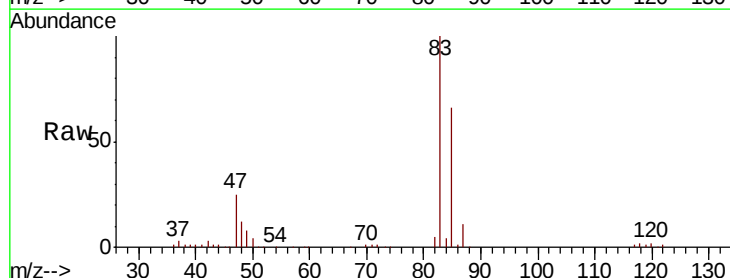
Acq: 15 May 2019 20:18

Tgt Ion: 83 Resp: 151299

Ion Ratio Lower Upper

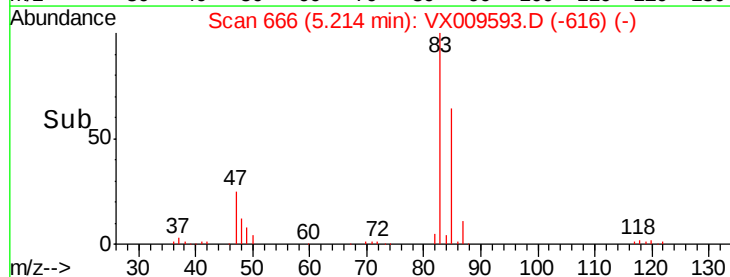
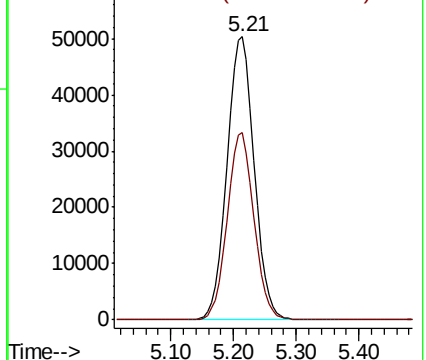
83 100

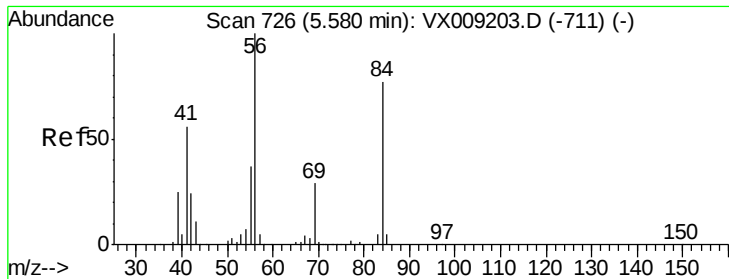
85 66.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.966 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

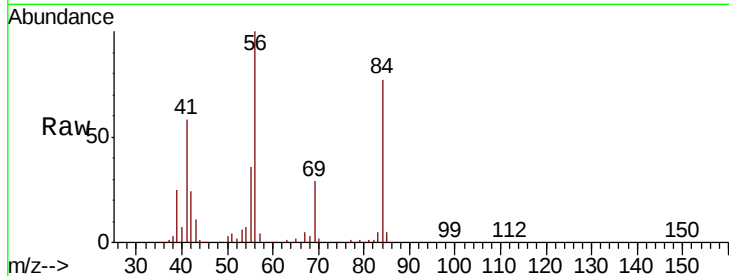
Tot Ion: 56 Resp: 152003

Ion Ratio Lower Upper

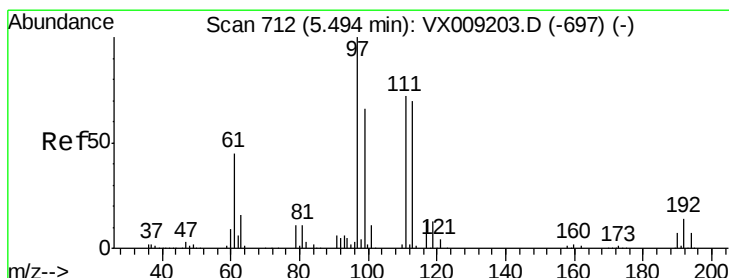
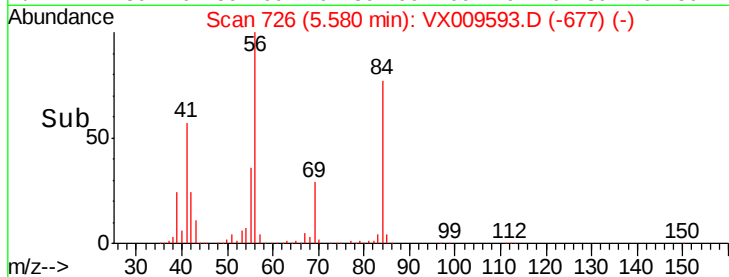
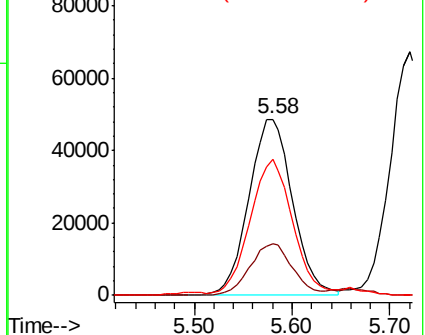
56 100

69 29.3 23.4 35.0

84 76.0 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.908 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

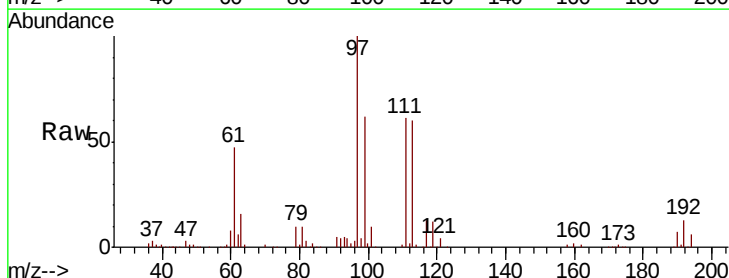
Tgt Ion: 97 Resp: 125284

Ion Ratio Lower Upper

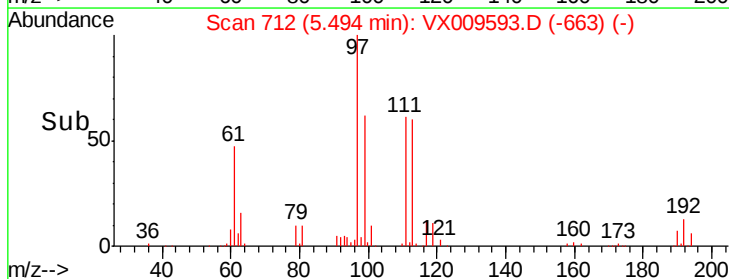
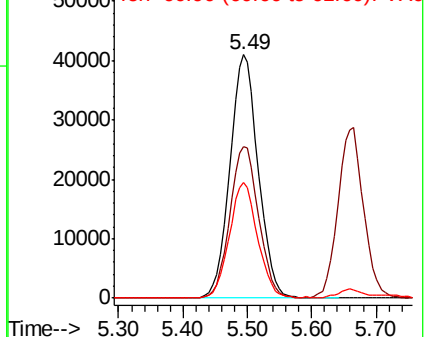
97 100

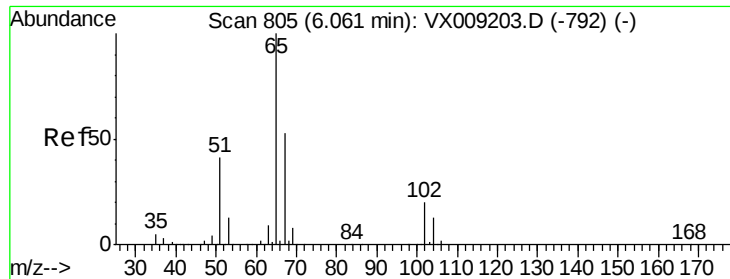
99 63.4 51.8 77.8

61 47.5 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.876 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

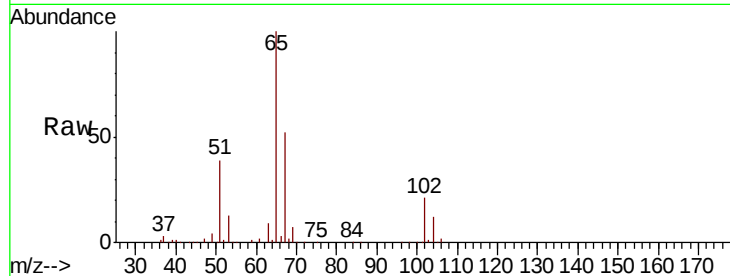
ClientSampleId :

Tot Ion: 65 Resp: 96580

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

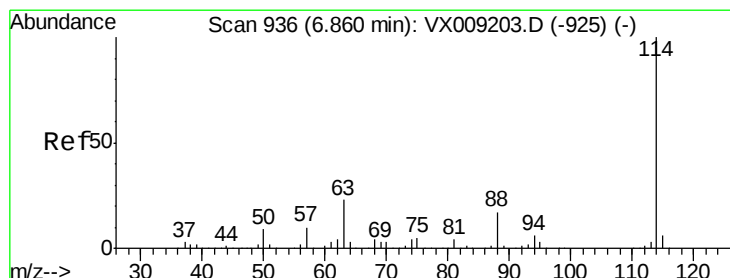
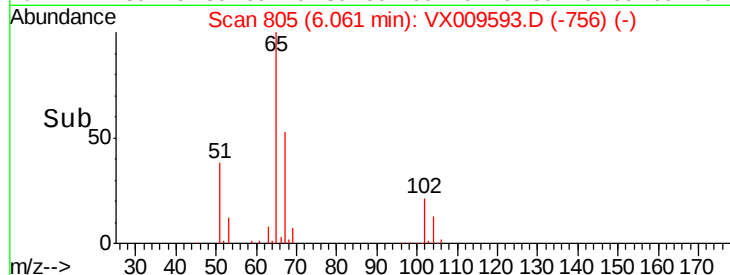
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

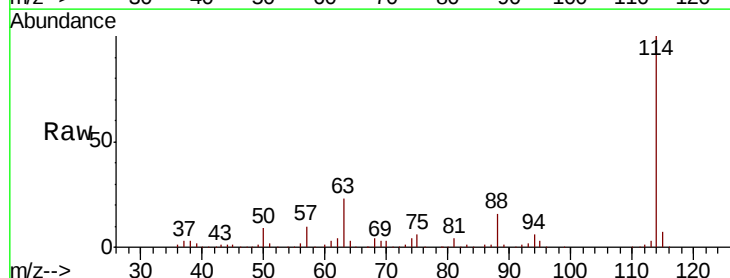
Tgt Ion: 114 Resp: 238714

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

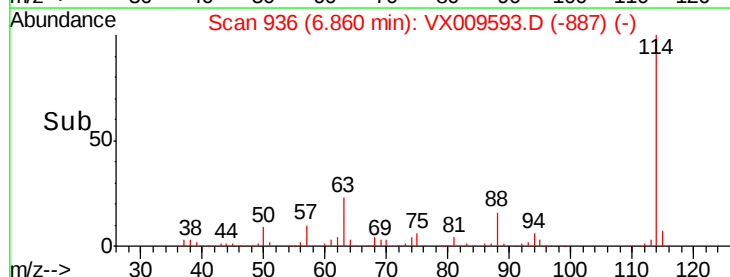
100000

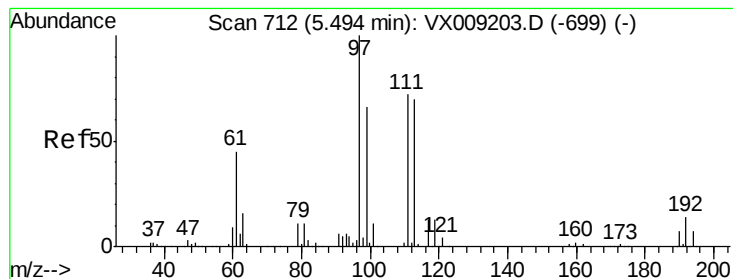
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 48.121 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

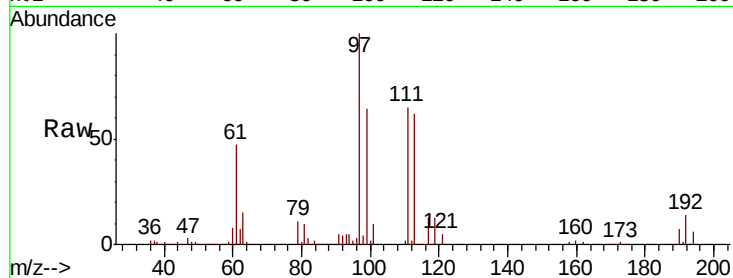
Tot Ion:113 Resp: 72213

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

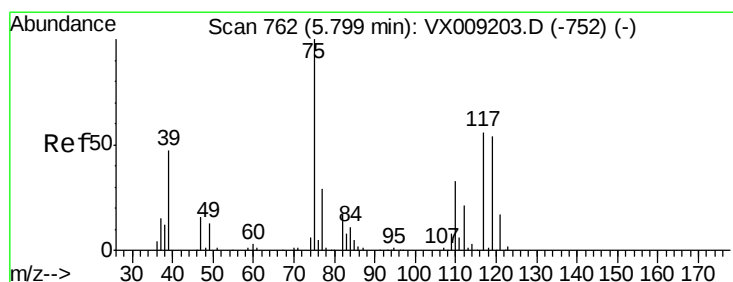
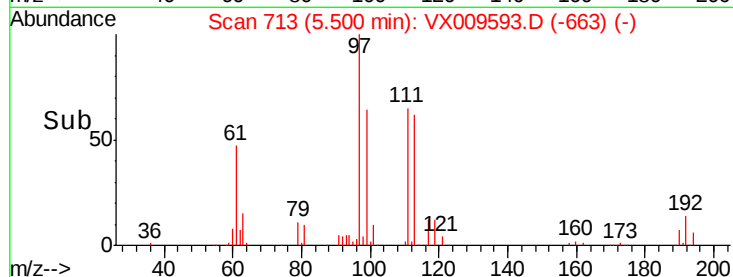
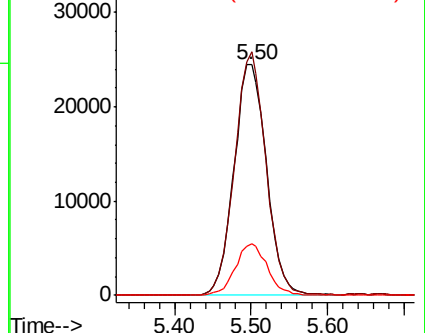
192 21.7 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.612 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

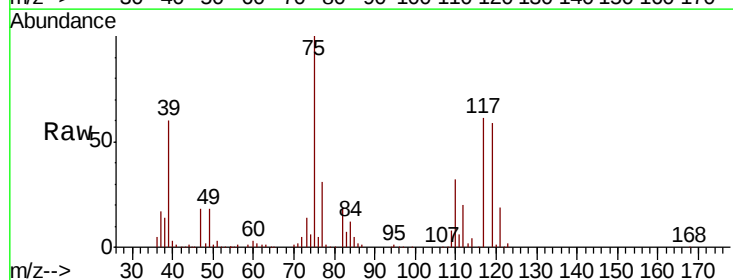
Tgt Ion: 75 Resp: 114496

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.6

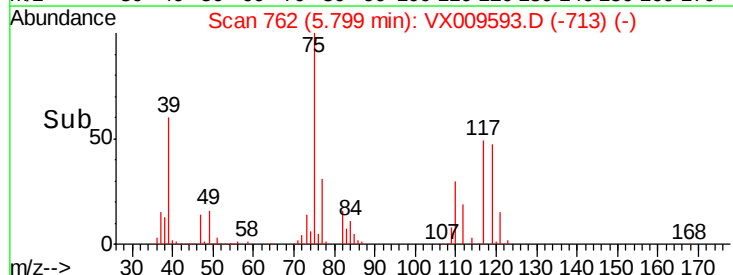
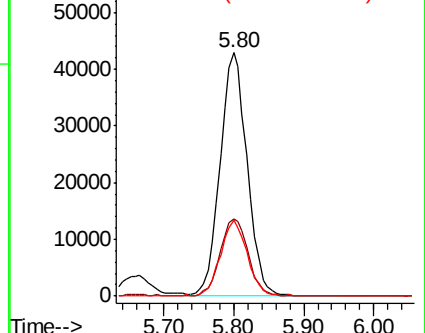
77 31.4 24.8 37.2

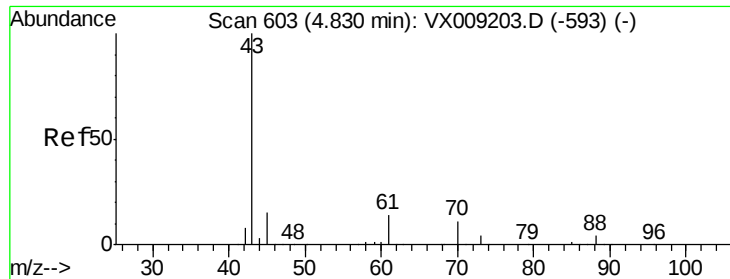


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

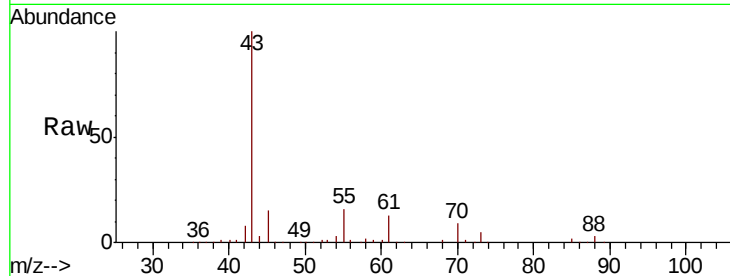




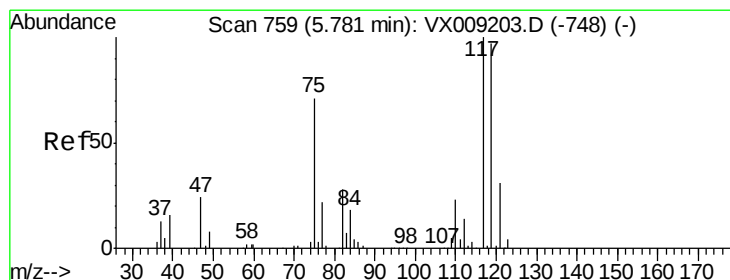
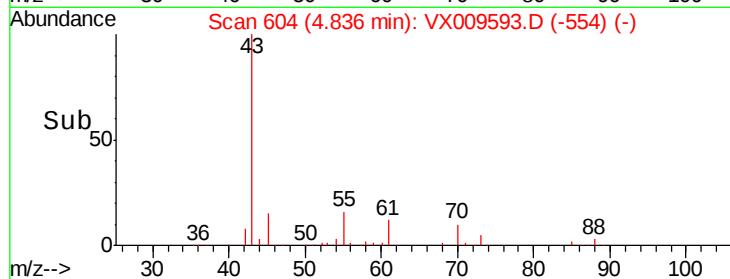
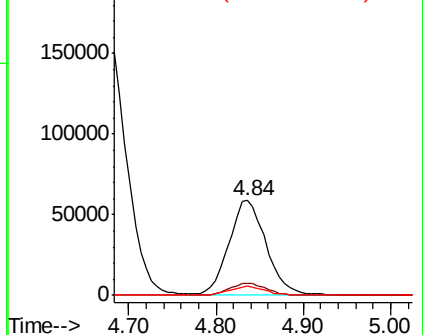
#37
Ethyl Acetate
Concen: 55.713 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 172202
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.4 7.9 11.9

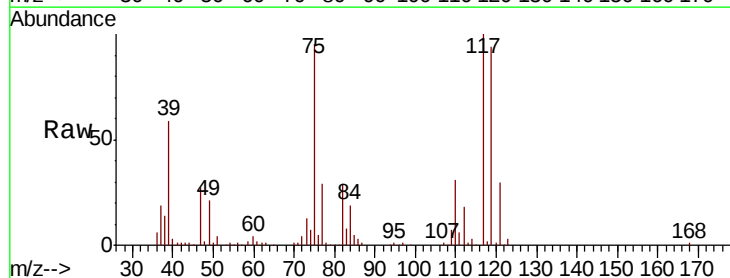


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

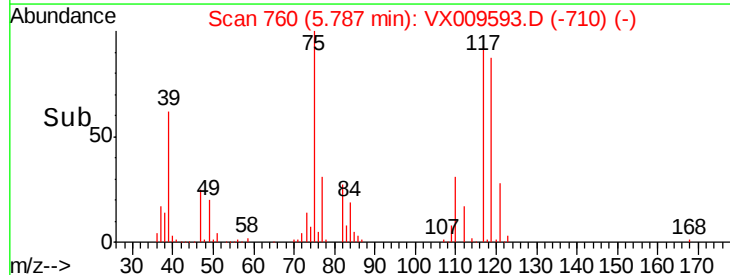
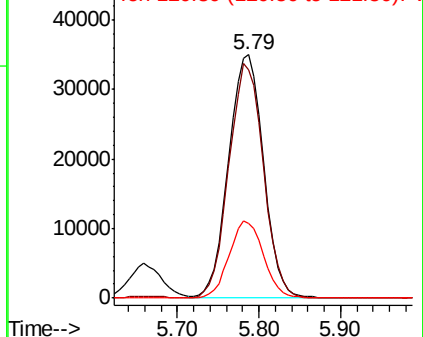


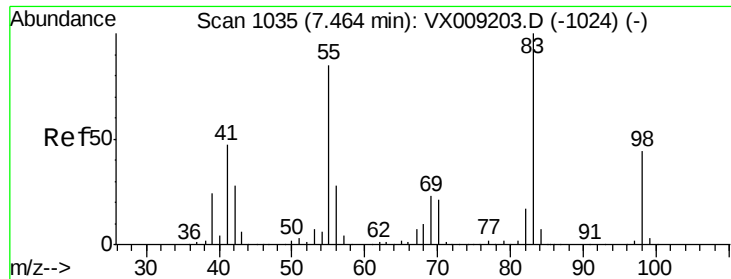
#38
Carbon Tetrachloride
Concen: 51.459 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion: 117 Resp: 103719
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 30.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

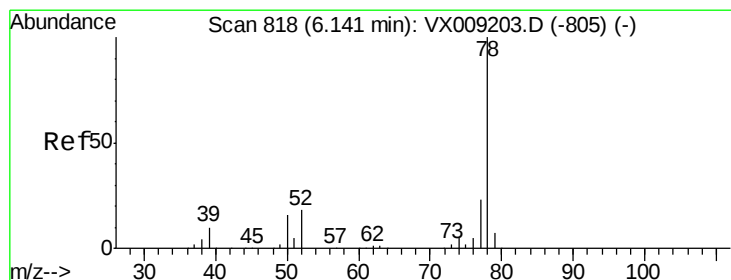
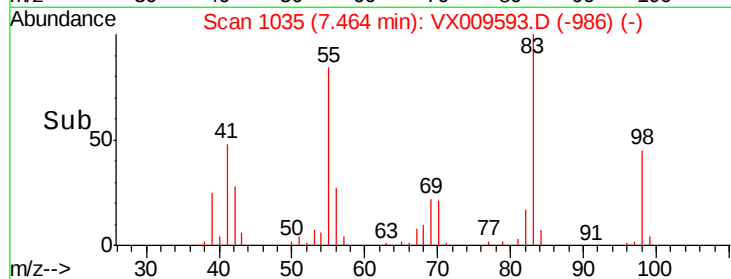
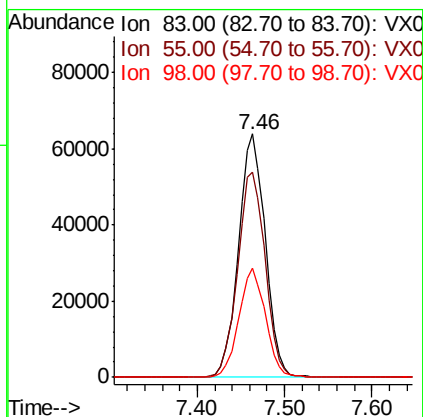
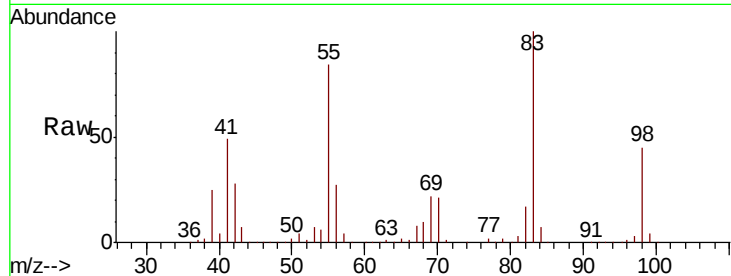




#39
Methvlcvclohexane
Concen: 49.876 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

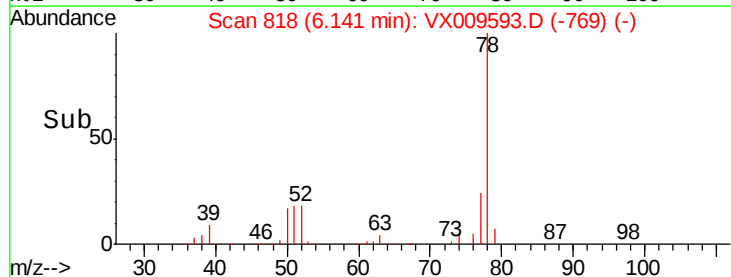
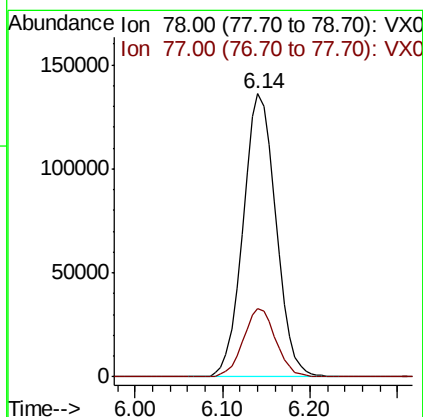
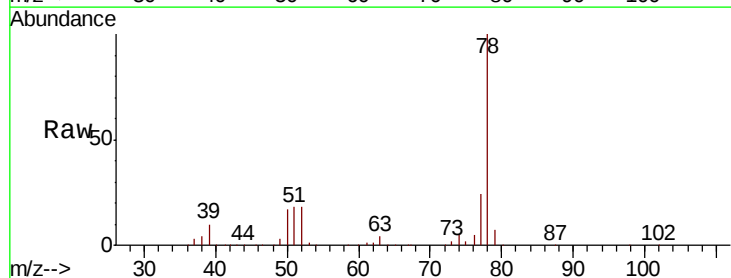
Instrument :
MSVOA_X
ClientSampleId :

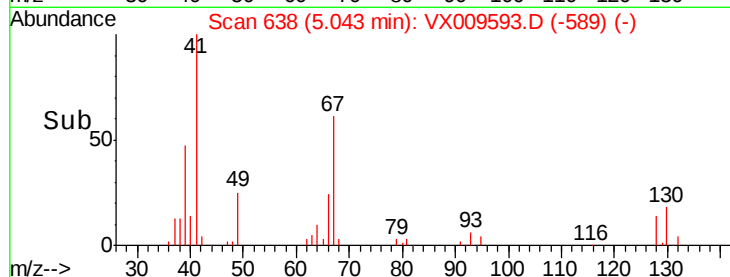
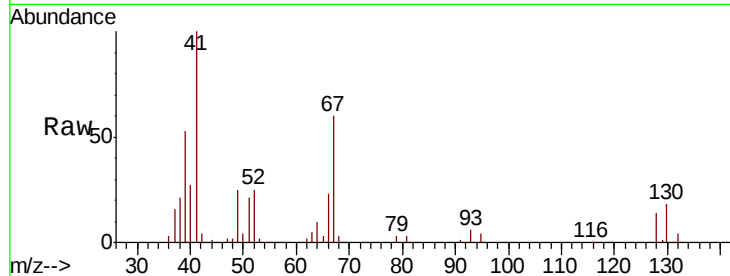
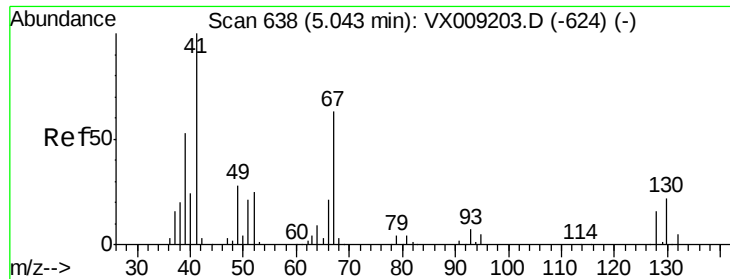
Tot Ion: 83 Resp: 135882
Ion Ratio Lower Upper
83 100
55 84.5 67.7 101.5
98 44.8 35.5 53.3



#40
Benzene
Concen: 51.854 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

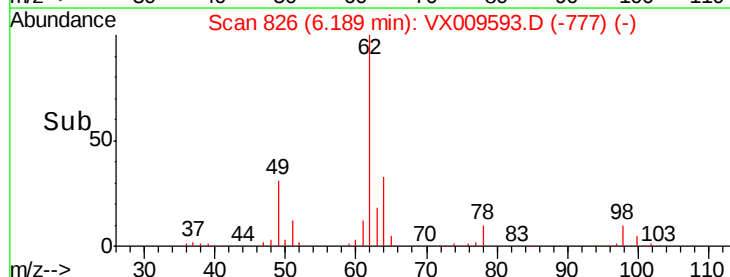
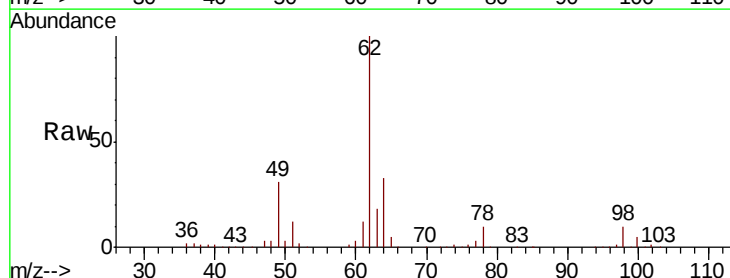
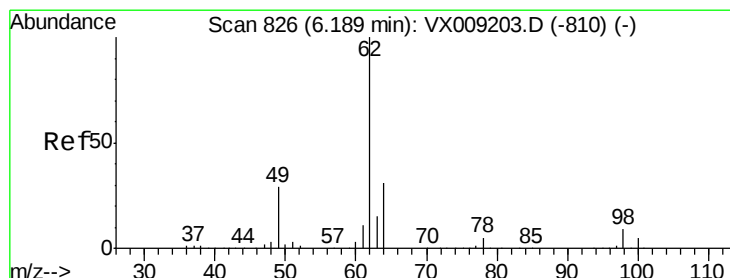
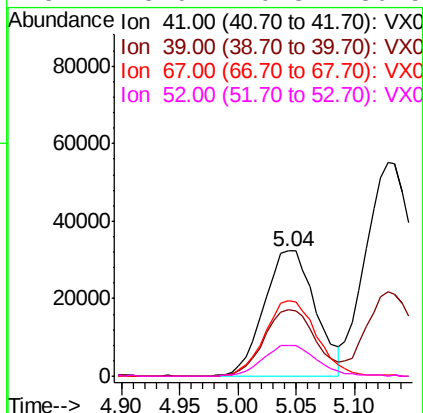
Tgt Ion: 78 Resp: 356009
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2





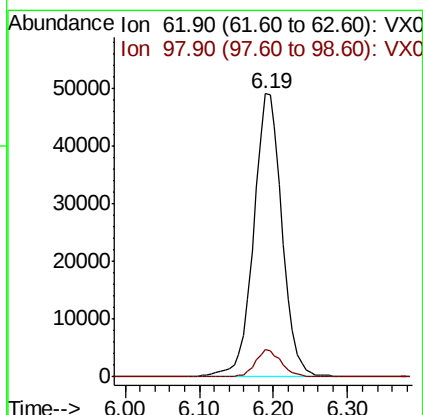
#41
Methacrylonitrile
Concen: 53.597 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

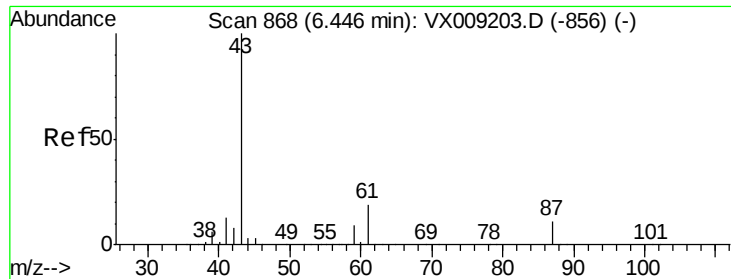
Tot Ion: 41 Resp: 98613
Ion Ratio Lower Upper
41 100
39 53.2 42.0 63.0
67 61.7 49.8 74.8
52 25.9 20.3 30.5



#42
1,2-Dichloroethane
Concen: 53.190 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion: 62 Resp: 130997
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2



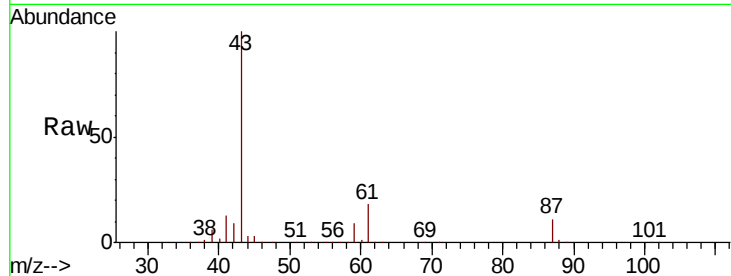


#43

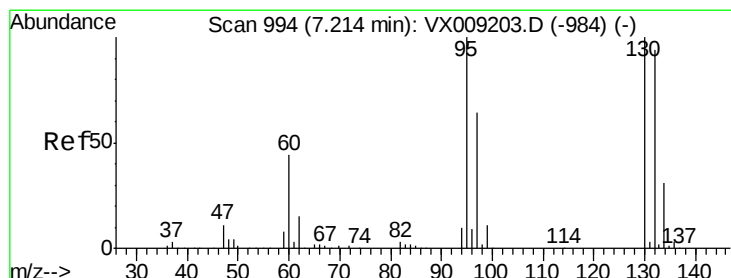
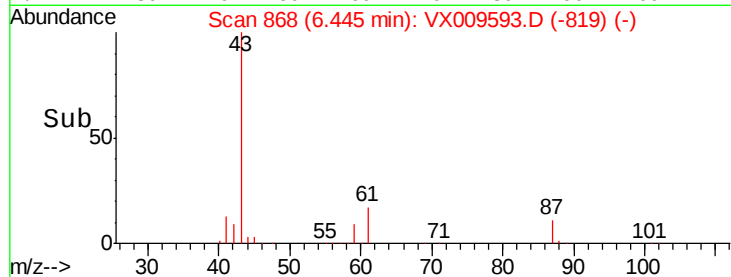
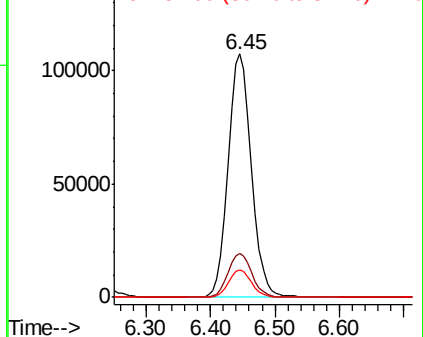
Isopropyl Acetate
 Concen: 54.990 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion	43	Resp	271875
Ion Ratio	Lower	Upper	
43	100		
61	18.5	15.1	22.7
87	11.2	9.0	13.6



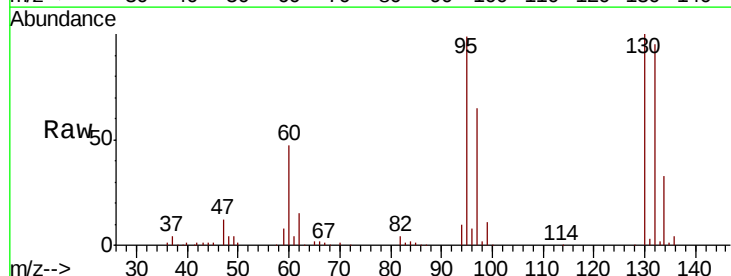
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



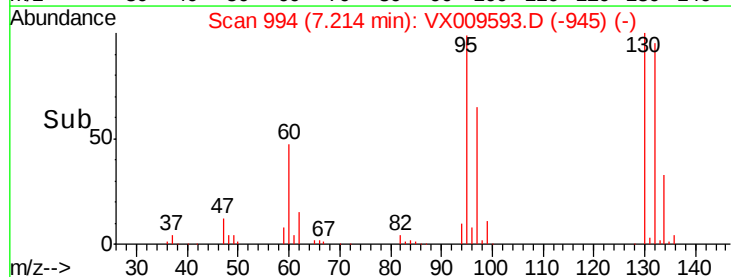
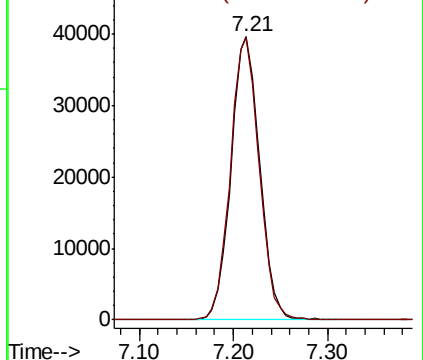
#44

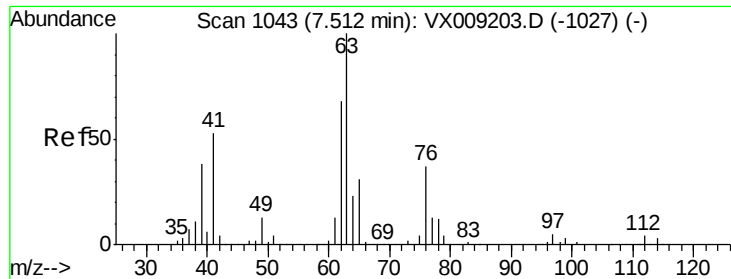
Trichloroethene
 Concen: 50.566 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion	130	Resp	83928
Ion Ratio	Lower	Upper	
130	100		
95	99.5	0.0	199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

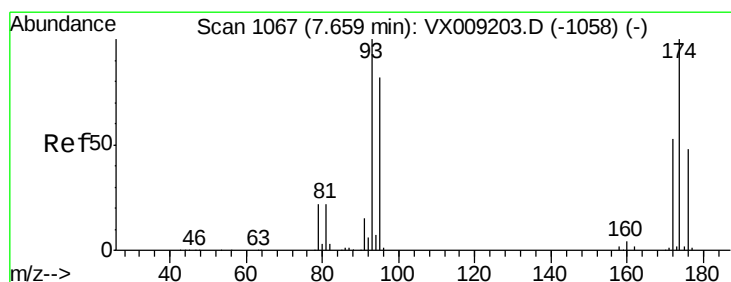
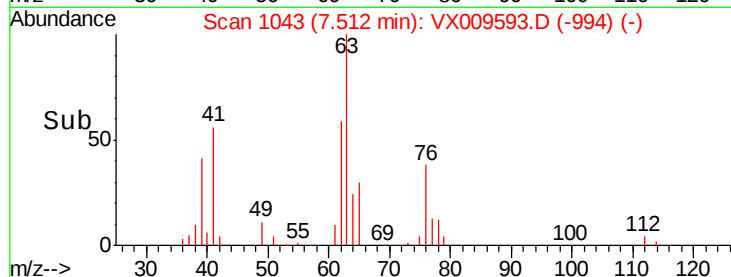
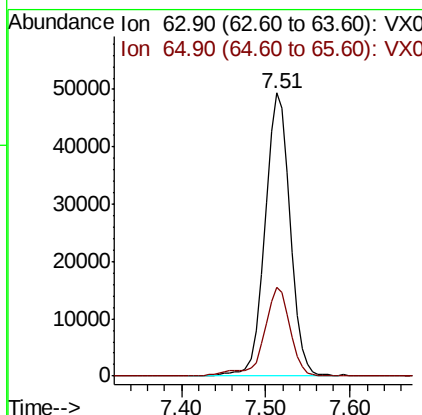
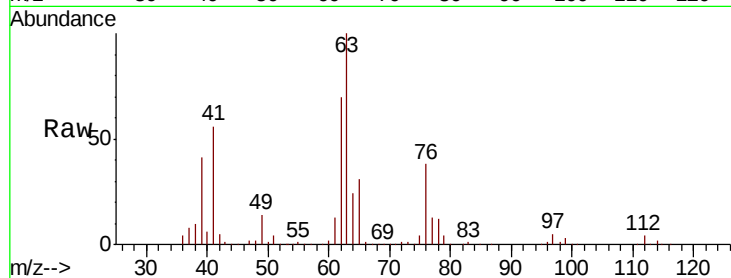




#45
 1,2-Dichloropropane
 Concen: 52.453 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

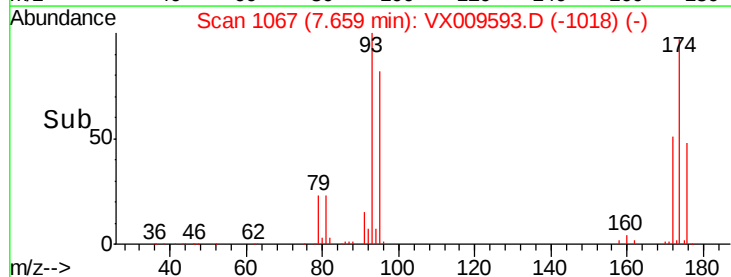
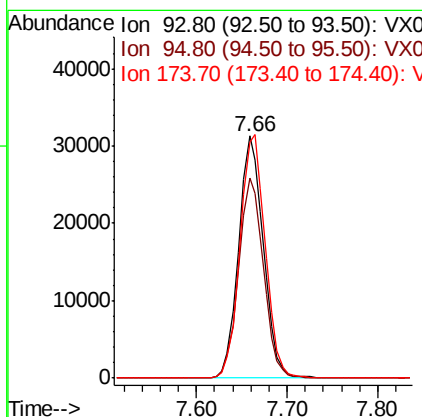
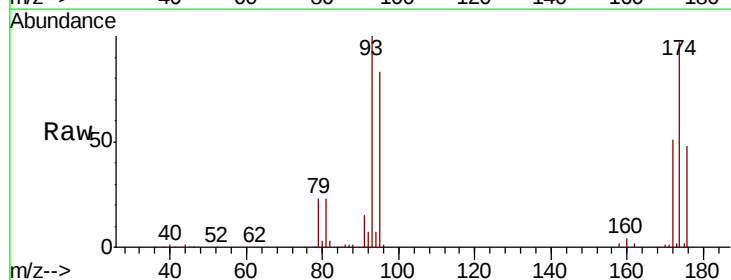
Instrument :
 MSVOA_X
 ClientSampled :

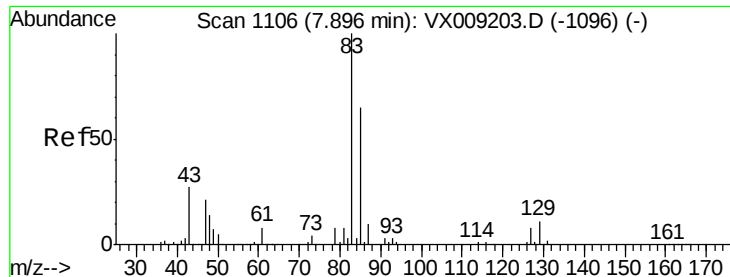
Tot Ion: 63 Resp: 101971
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6



#46
 Dibromomethane
 Concen: 52.369 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion: 93 Resp: 59120
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 102.5 82.1 123.1





#47

Bromodichloromethane

Concen: 52.803 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampled :

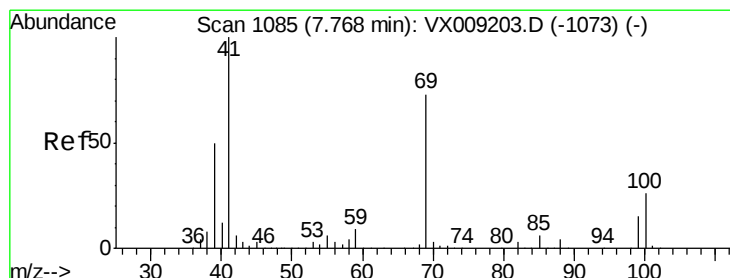
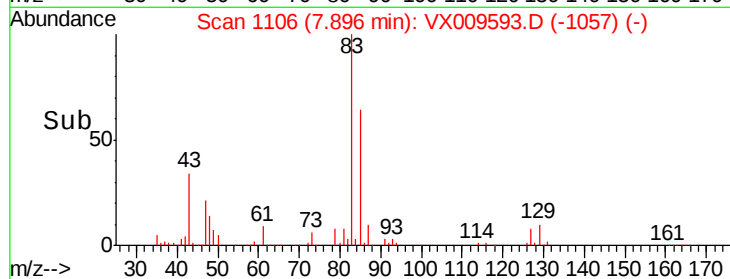
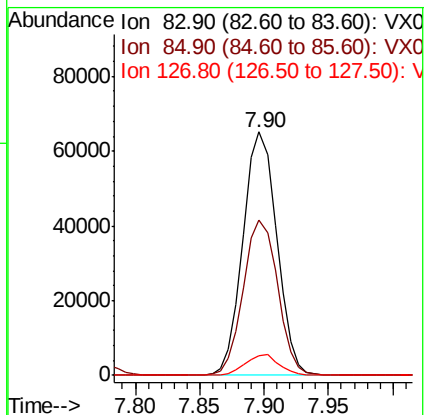
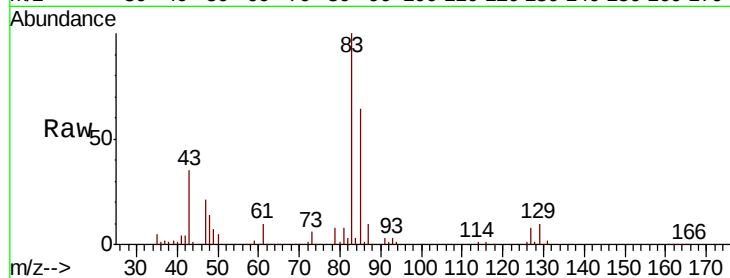
Tot Ion: 83 Resp: 118907

Ion Ratio Lower Upper

83 100

85 63.9 52.4 78.6

127 7.8 6.6 10.0



#48

Methyl methacrylate

Concen: 56.342 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

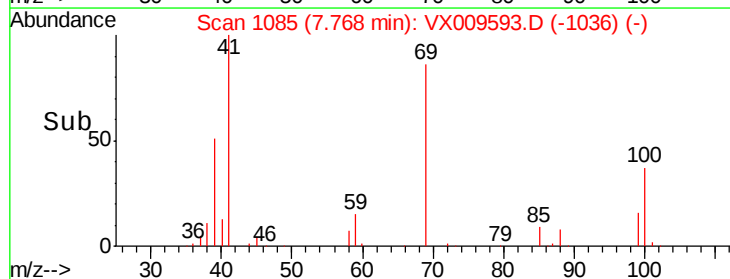
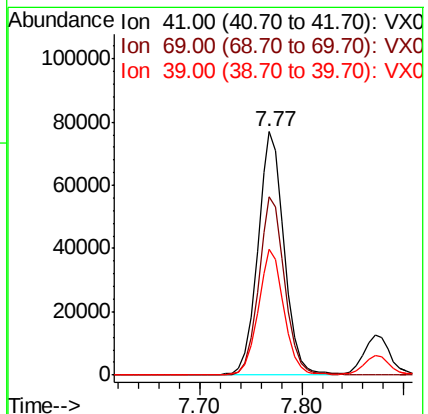
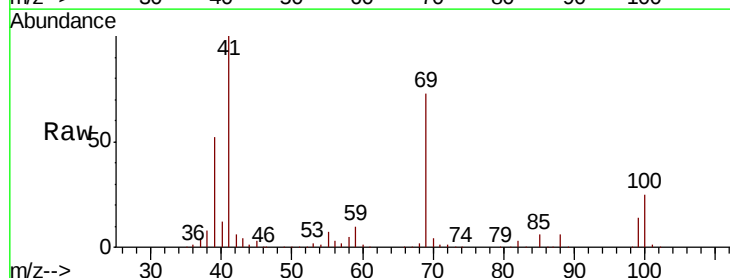
Tgt Ion: 41 Resp: 138199

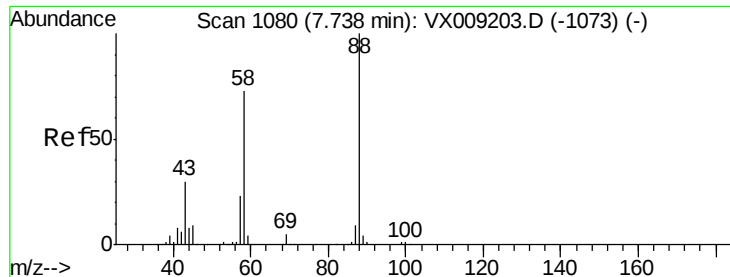
Ion Ratio Lower Upper

41 100

69 72.4 59.1 88.7

39 50.9 40.4 60.6

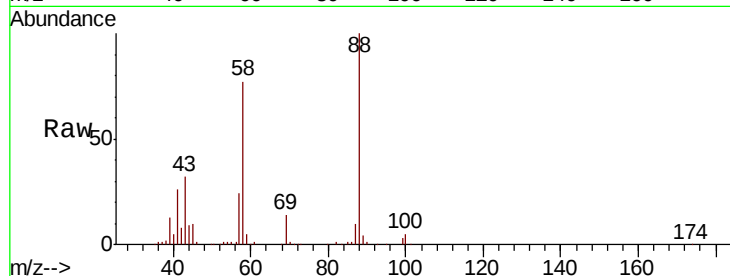




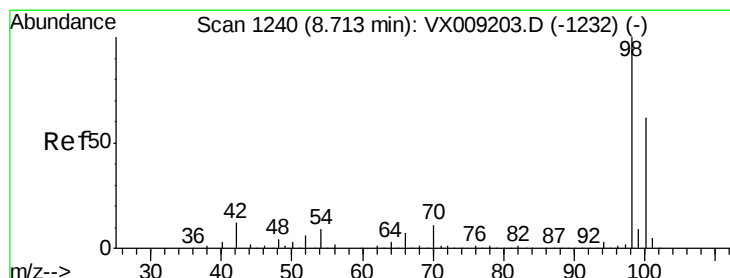
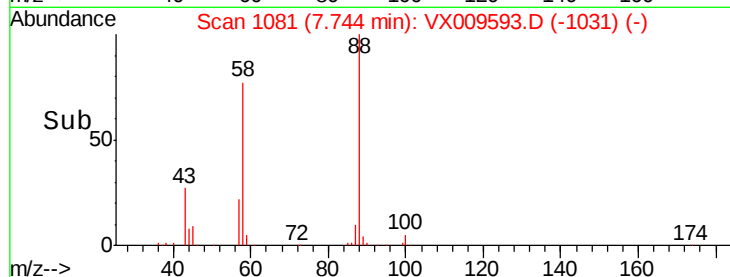
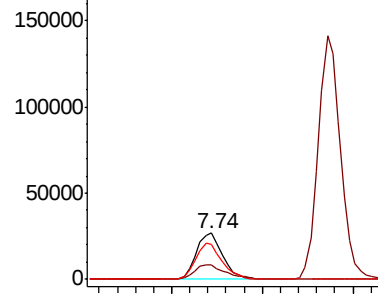
#49
1,4-Dioxane
Concen: 1085.042 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 53974
Ion Ratio Lower Upper
88 100
43 36.4 28.6 42.8
58 78.8 61.7 92.5

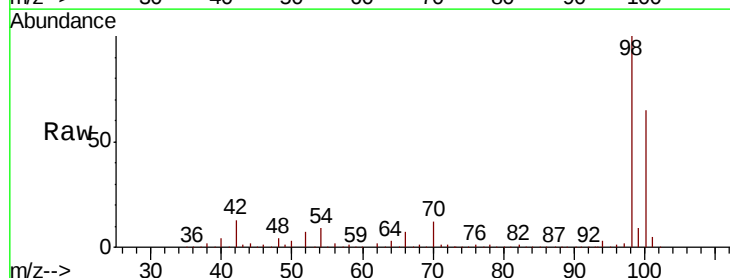


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

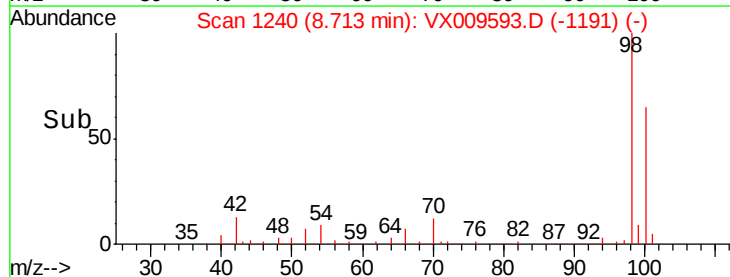
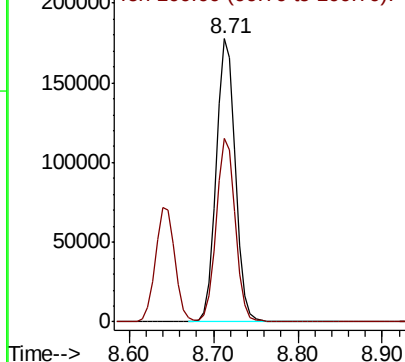


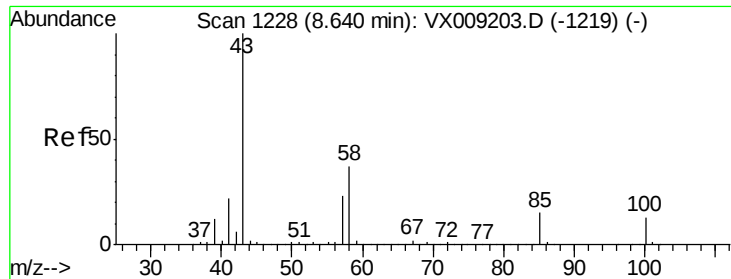
#50
Toluene-d8
Concen: 46.451 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion: 98 Resp: 281421
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 289.639 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

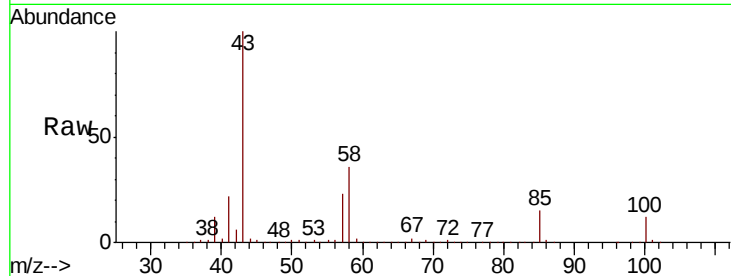
ClientSampleId :

Tot Ion: 43 Resp: 935977

Ion Ratio Lower Upper

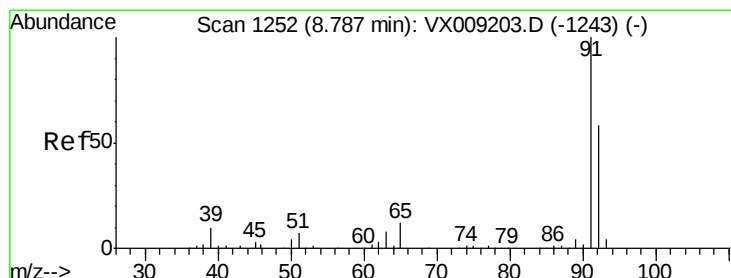
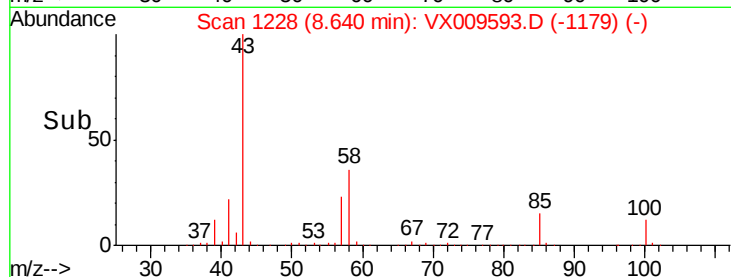
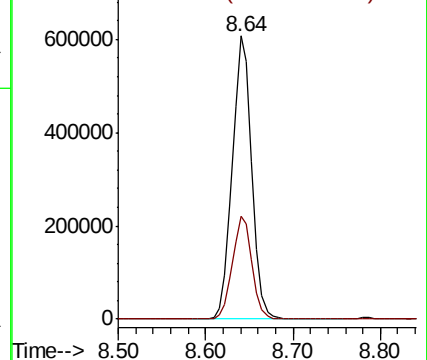
43 100

58 36.4 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.186 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009593.D

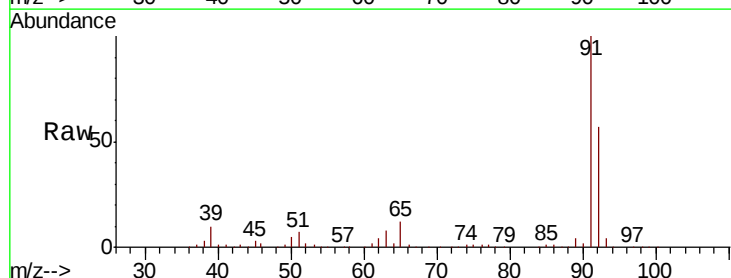
Acq: 15 May 2019 20:18

Tgt Ion: 92 Resp: 217792

Ion Ratio Lower Upper

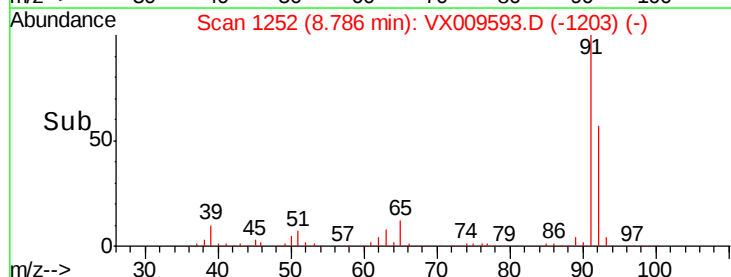
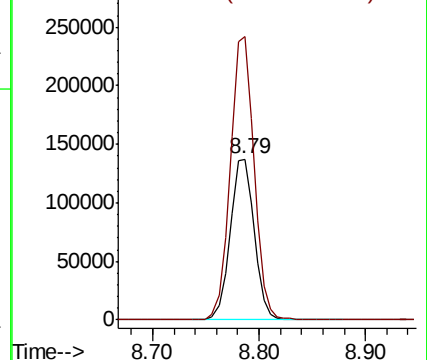
92 100

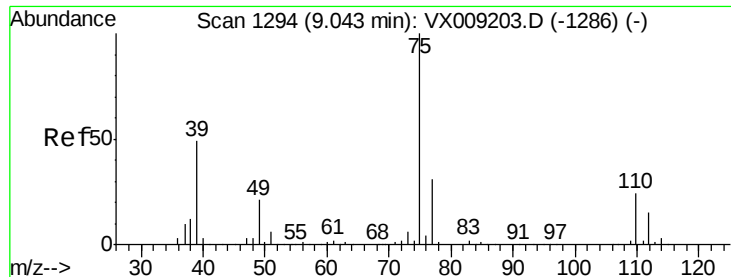
91 174.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

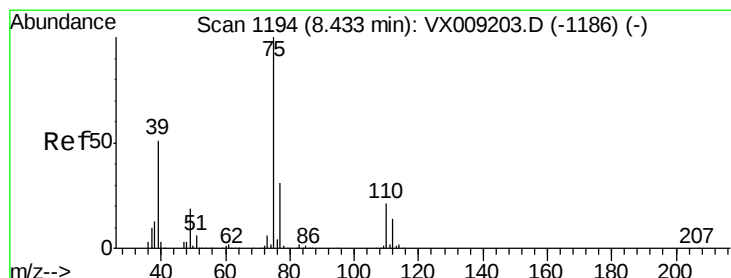
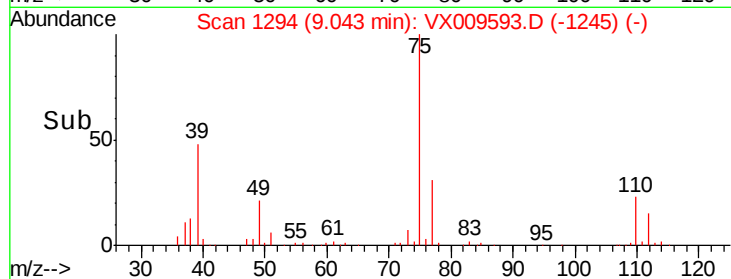
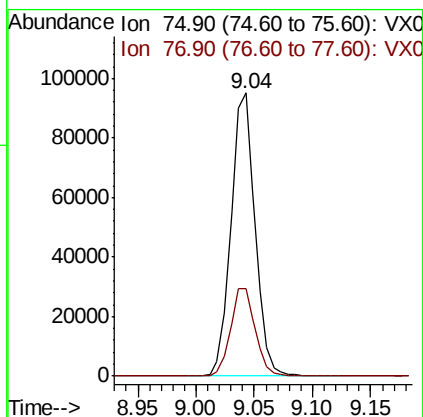
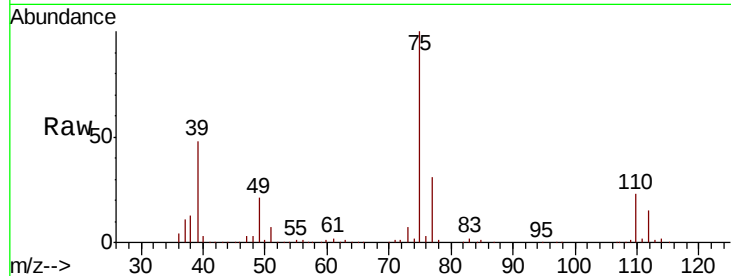




#53
 t-1,3-Dichloropropene
 Concen: 53.869 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

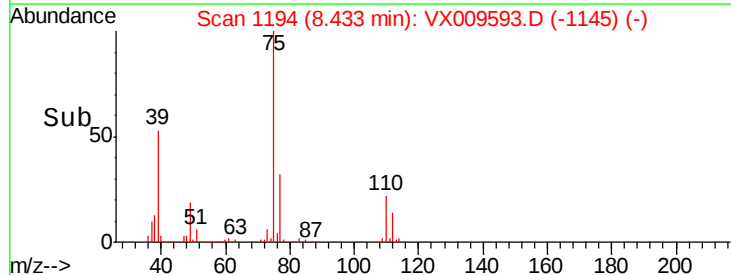
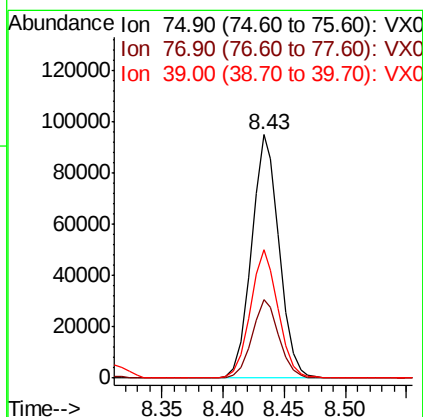
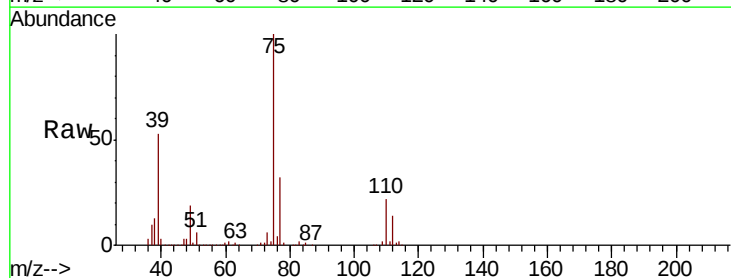
Instrument :
 MSVOA_X
 ClientSampled :

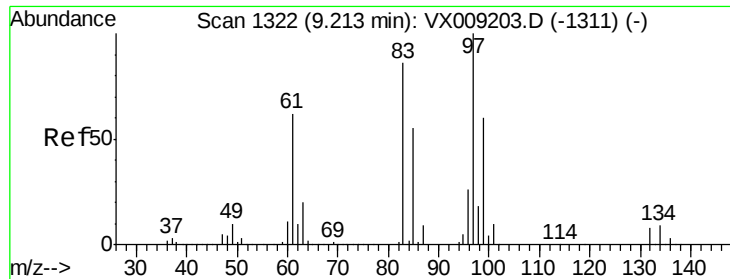
Tot Ion: 75 Resp: 136958
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.904 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion: 75 Resp: 148877
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 52.8 40.6 60.8

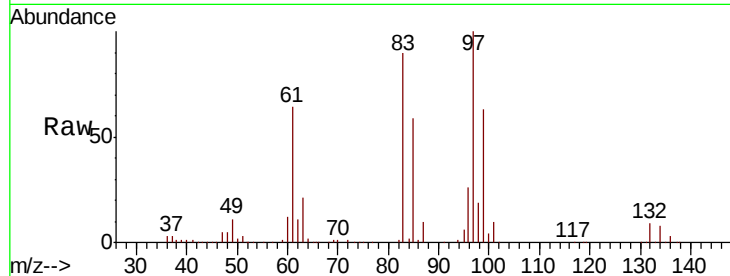




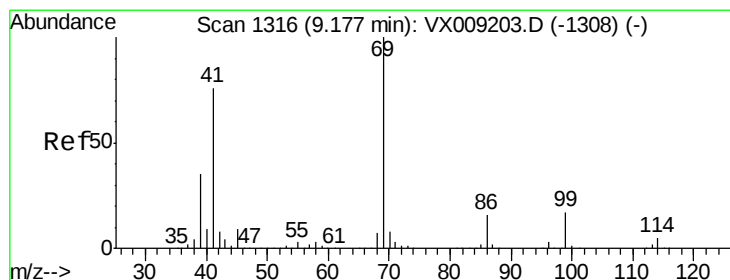
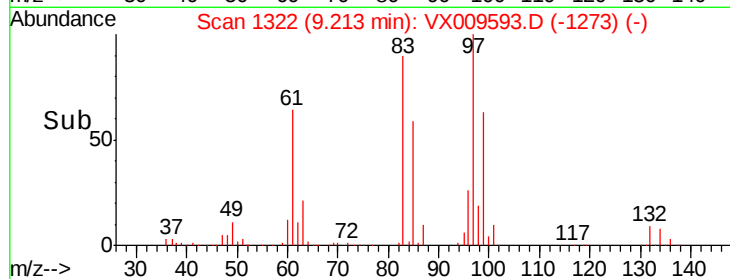
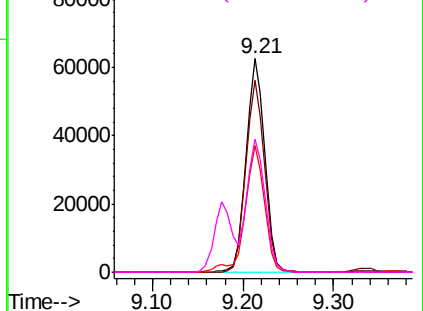
#55
 1,1,2-Trichloroethane
 Concen: 52.523 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	89427
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.9	103.3
85	59.1	43.8	65.6
99	62.5	48.2	72.2

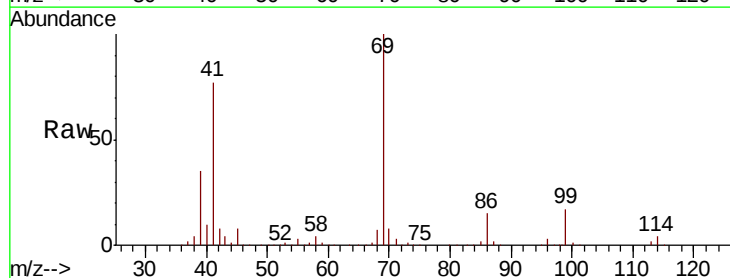


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

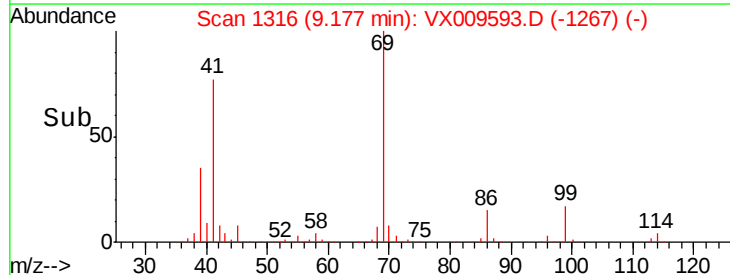
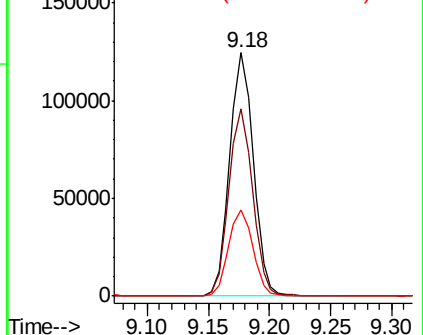


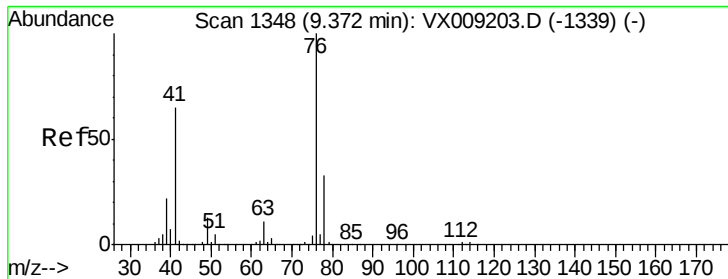
#56
 Ethyl methacrylate
 Concen: 55.148 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion:	69	Resp:	167611
Ion	Ratio	Lower	Upper
69	100		
41	77.2	60.6	90.8
39	36.3	28.2	42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.756 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

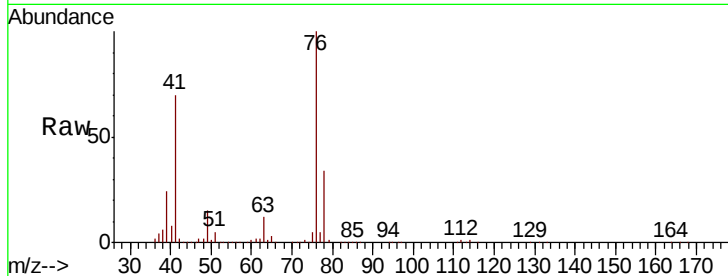
ClientSampleId :

Tot Ion: 76 Resp: 158069

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

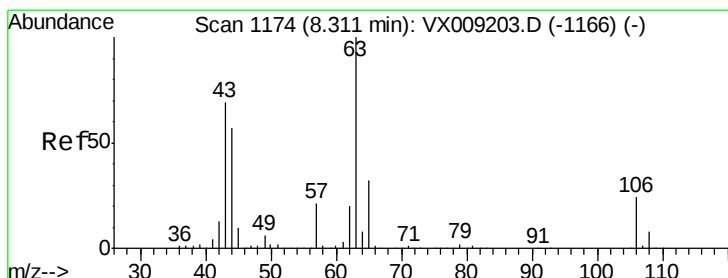
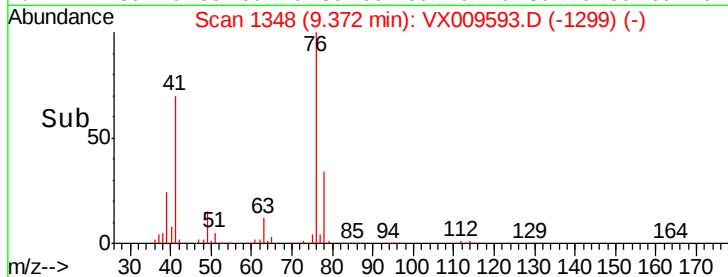
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 242.242 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009593.D

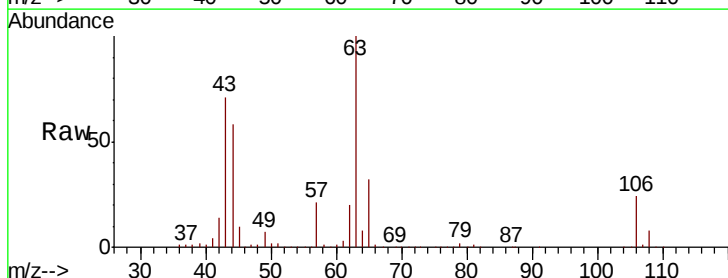
Acq: 15 May 2019 20:18

Tgt Ion: 63 Resp: 390575

Ion Ratio Lower Upper

63 100

106 24.7 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

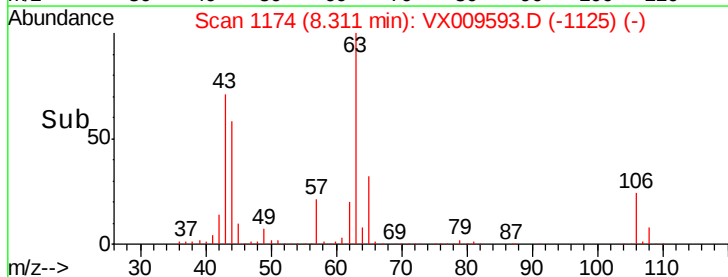
150000

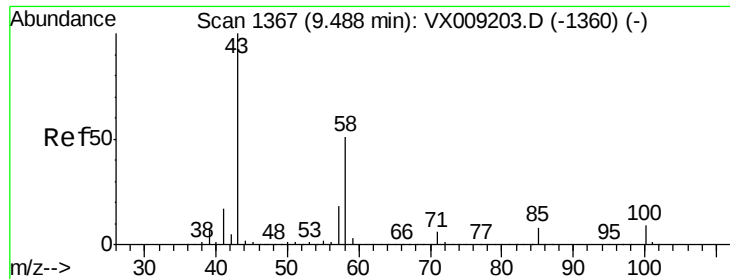
100000

50000

0

Time-->

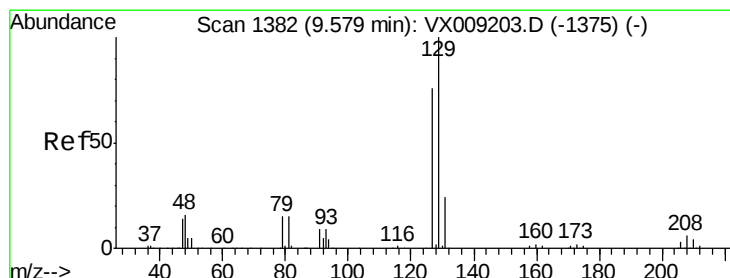
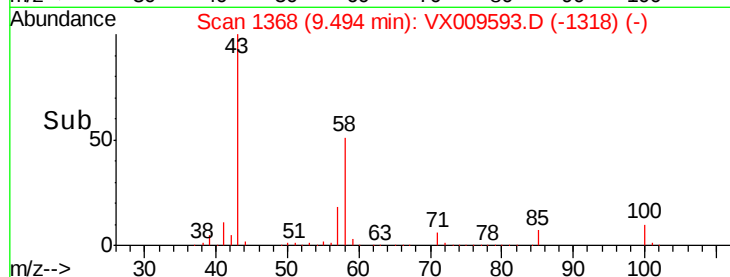
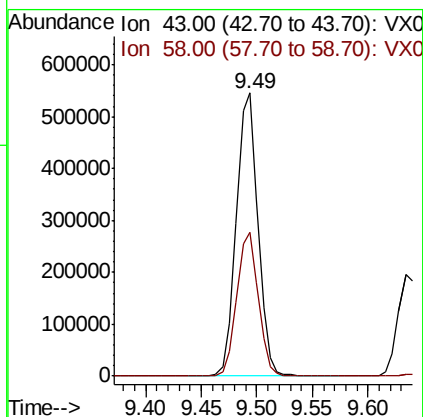
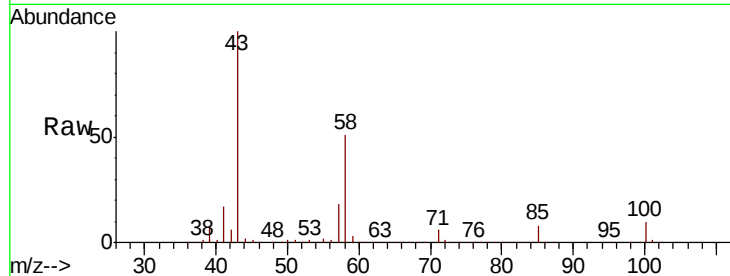




#59
2-Hexanone
Concen: 288.709 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

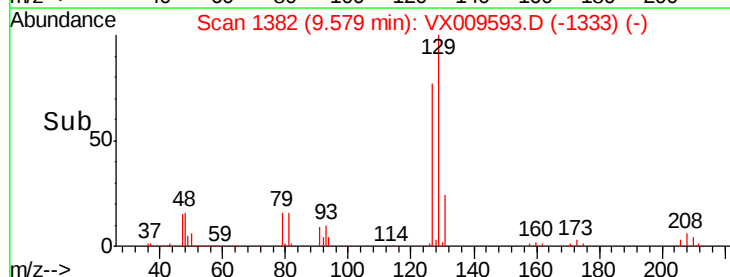
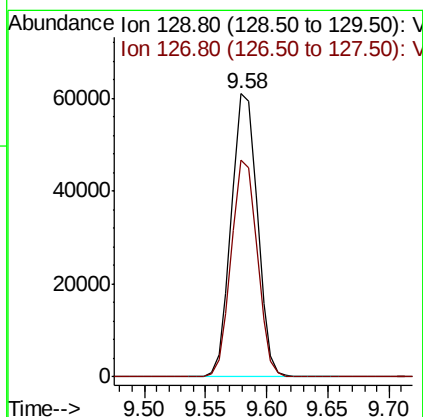
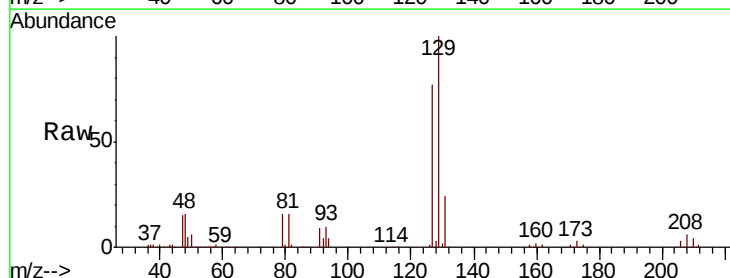
Instrument :
MSVOA_X
ClientSampled :

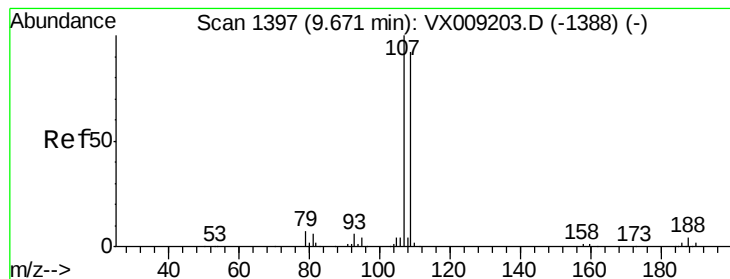
Tot Ion: 43 Resp: 732745
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.7



#60
Dibromochloromethane
Concen: 54.294 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion:129 Resp: 90287
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.384 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

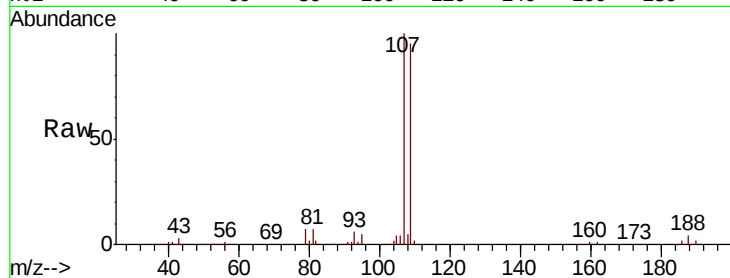
ClientSampleId :

Tot Ion:107 Resp: 91750

Ion Ratio Lower Upper

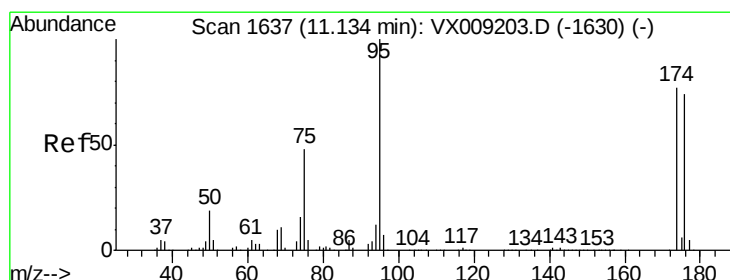
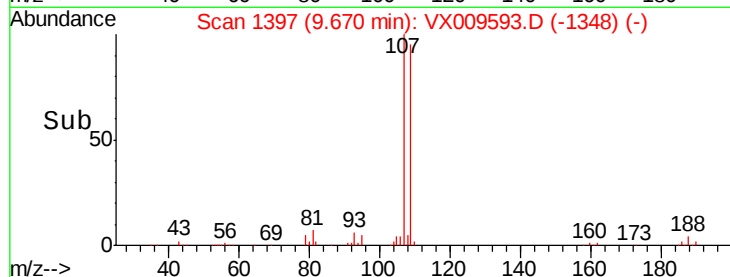
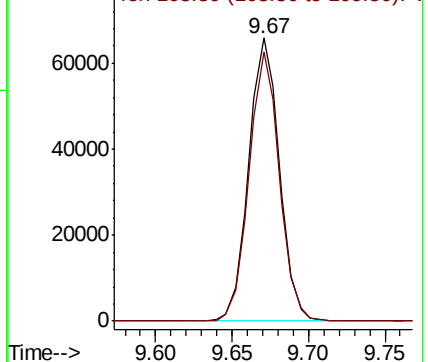
107 100

109 94.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.587 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

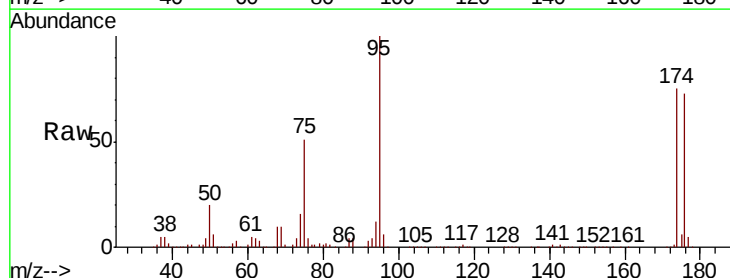
Tgt Ion: 95 Resp: 106960

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

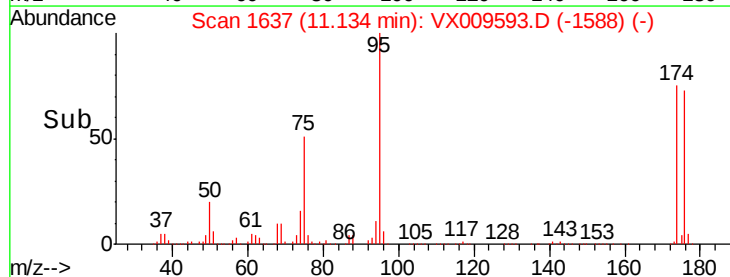
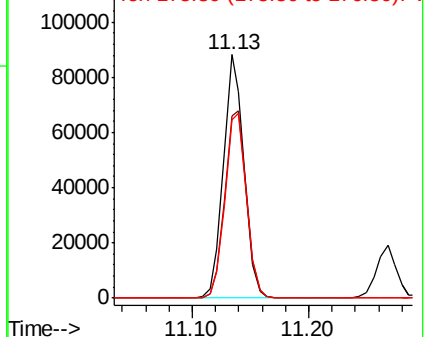
176 79.6 0.0 159.2

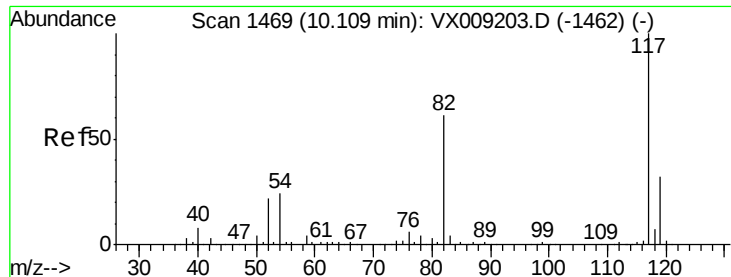


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

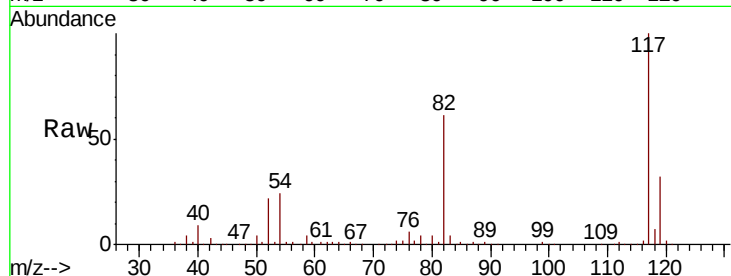




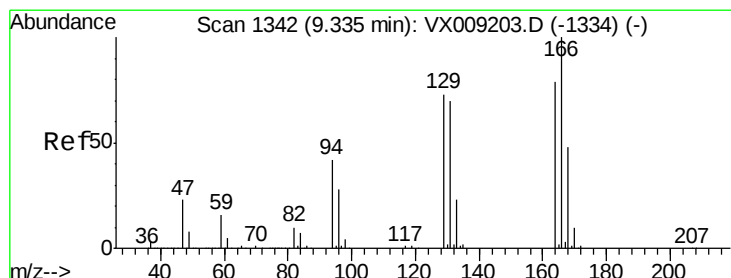
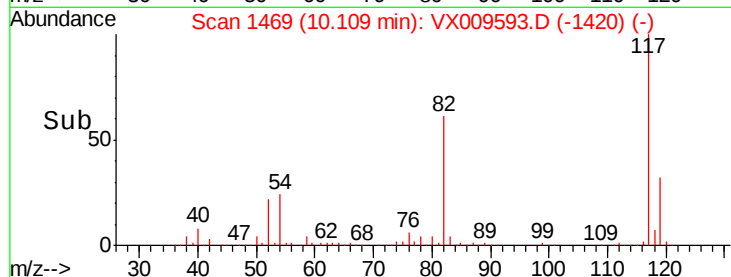
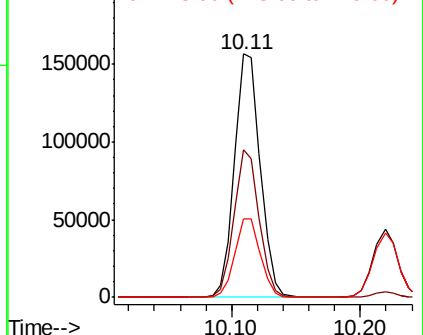
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 219267
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.1 25.8 38.6

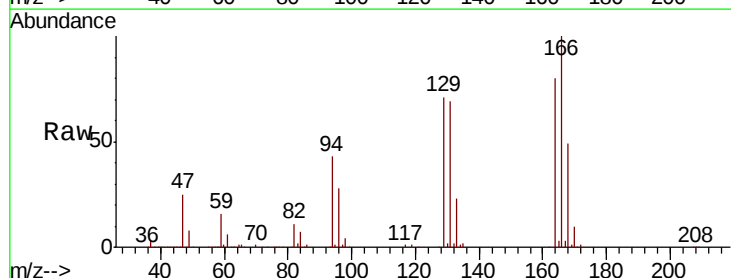


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

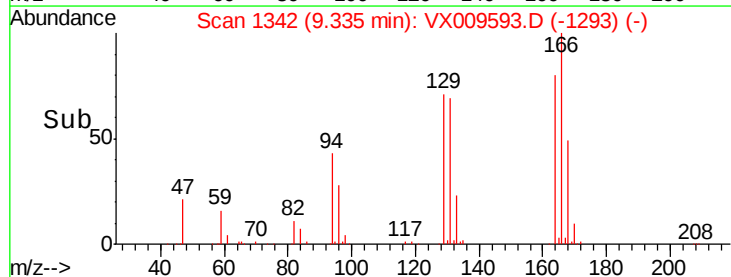
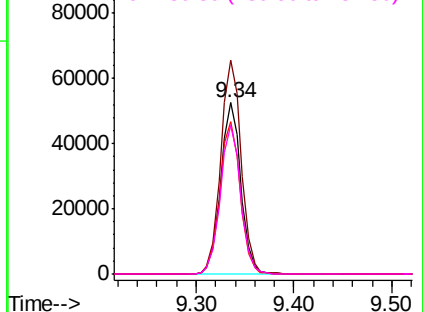


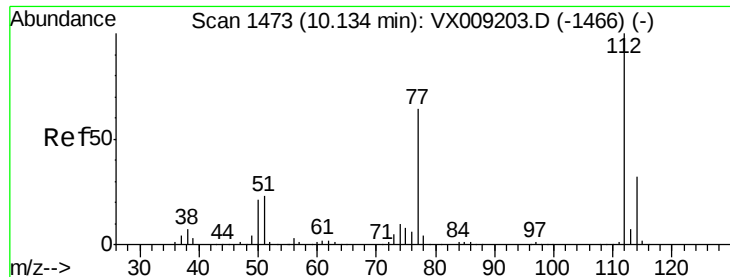
#64
Tetrachloroethene
Concen: 49.658 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion:164 Resp: 74689
Ion Ratio Lower Upper
164 100
166 124.8 101.2 151.8
129 88.9 74.3 111.5
131 86.5 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

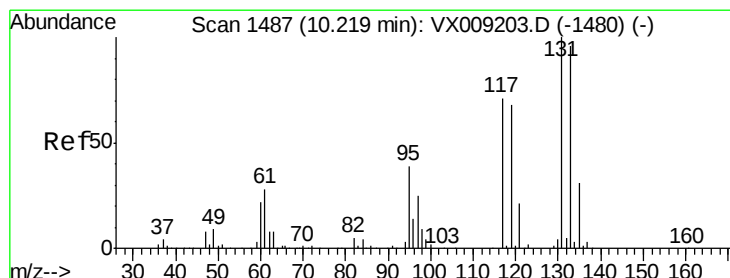
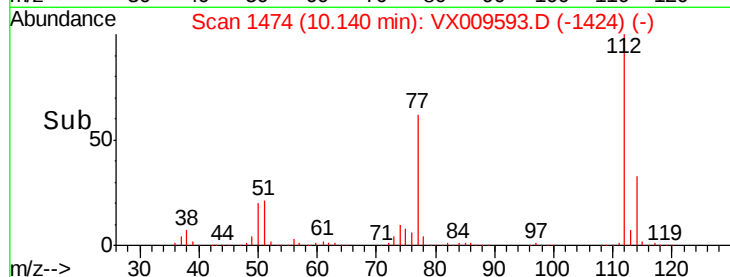
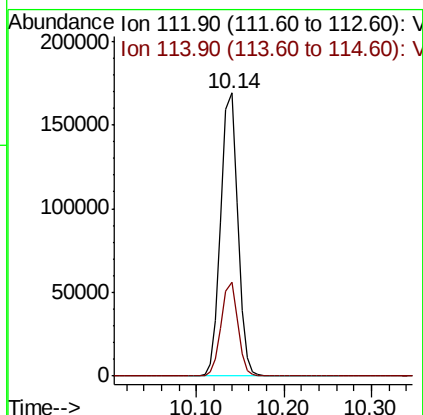
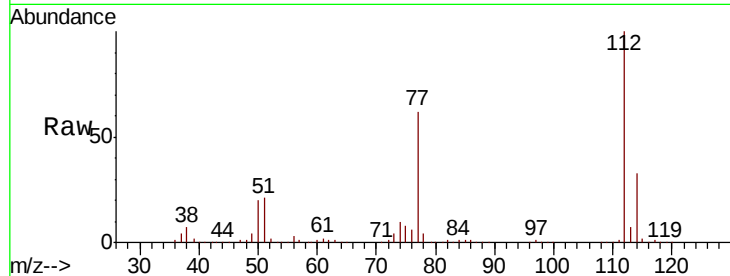




#65
Chlorobenzene
Concen: 51.903 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

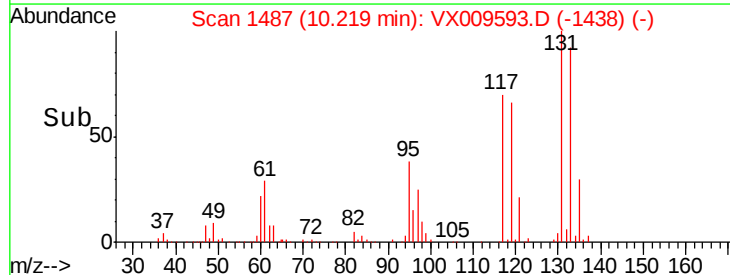
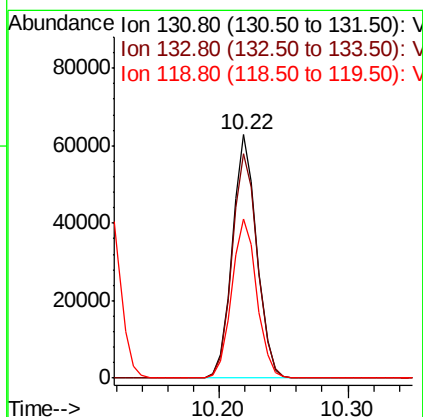
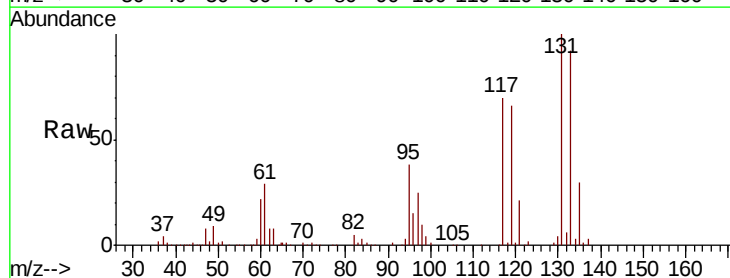
Instrument :
MSVOA_X
ClientSampleId :

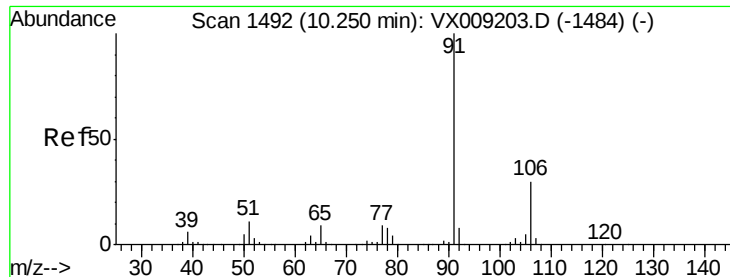
Tot Ion:112 Resp: 227664
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.435 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion:131 Resp: 83384
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 67.0 33.5 100.4

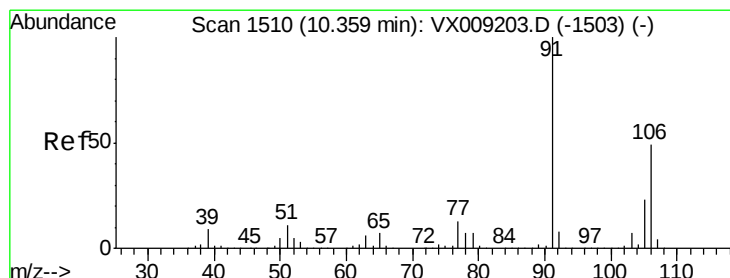
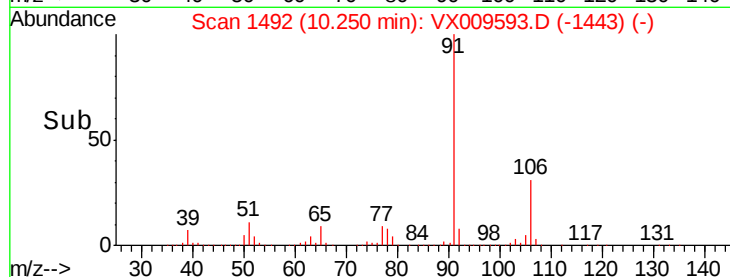
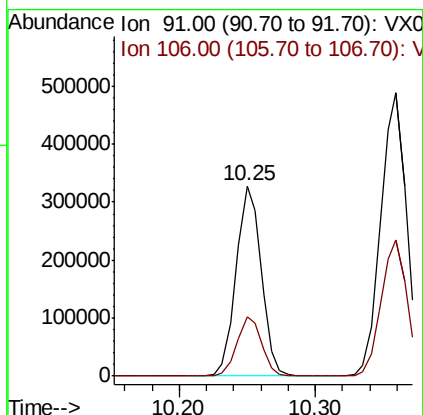
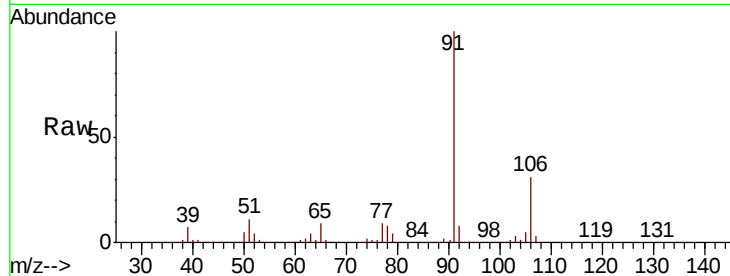




#67
Ethyl Benzene
Concen: 52.132 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

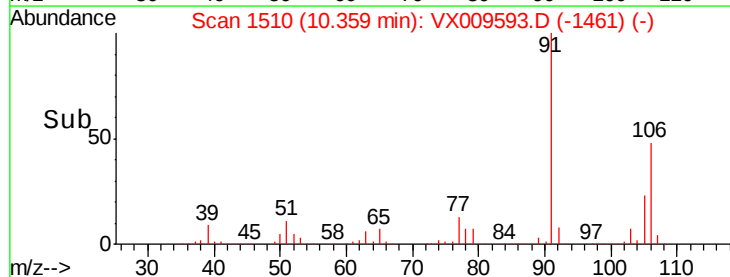
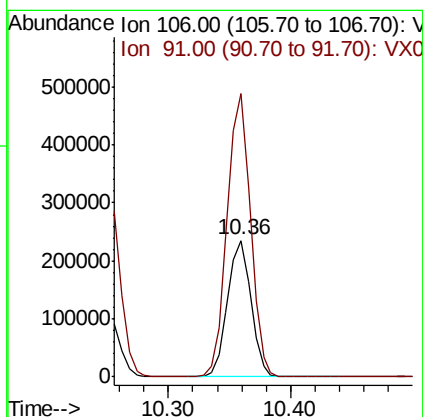
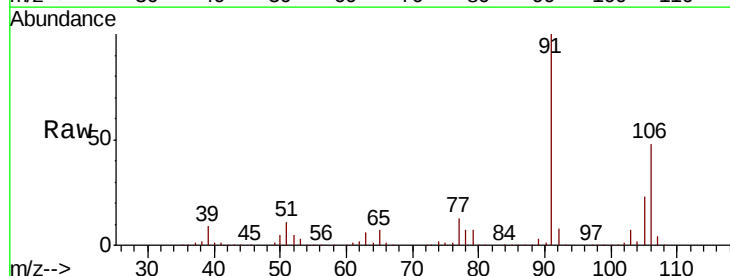
Instrument :
MSVOA_X
ClientSampleId :

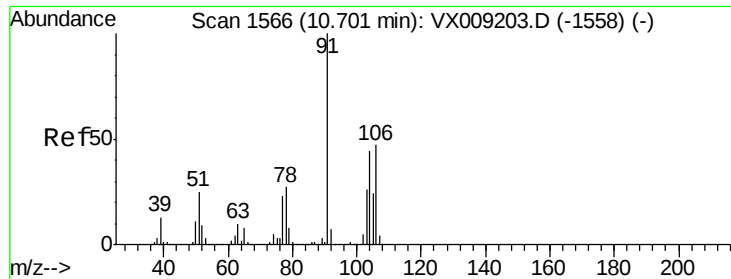
Tot Ion: 91 Resp: 420837
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 105.709 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion: 106 Resp: 311837
Ion Ratio Lower Upper
106 100
91 207.2 164.0 246.0

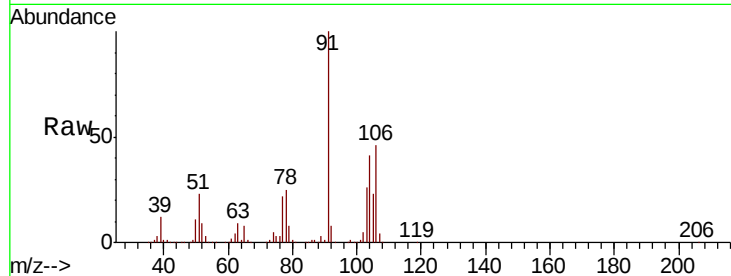




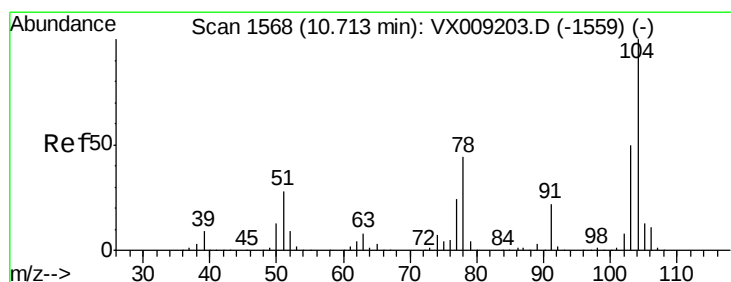
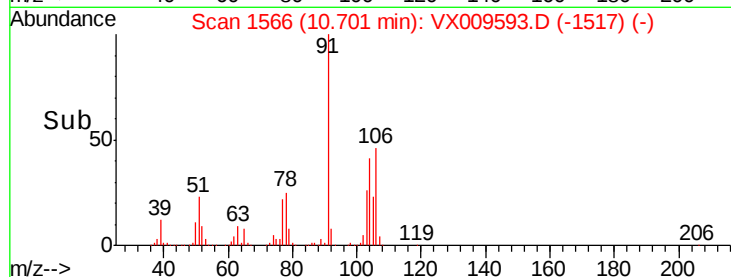
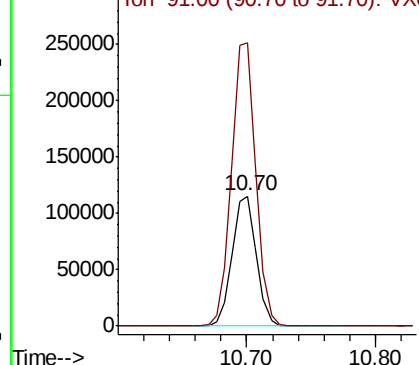
#69
o-Xylene
Concen: 52.237 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 152038
Ion Ratio Lower Upper
106 100
91 220.7 109.5 328.4

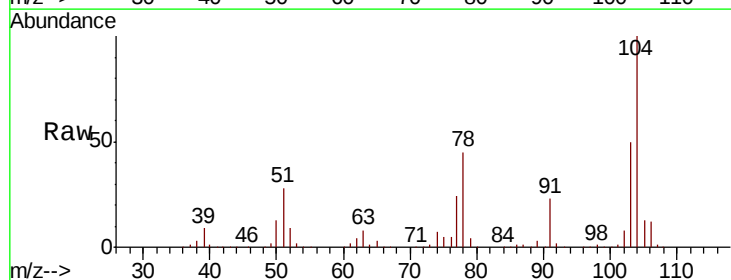


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

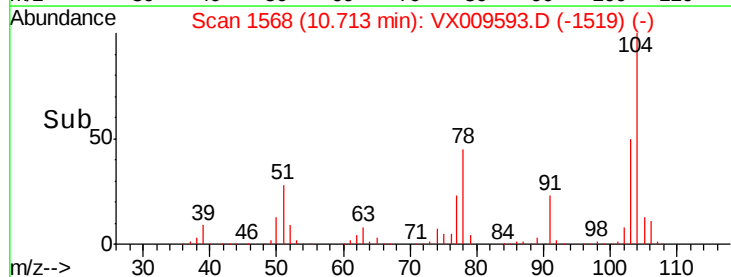
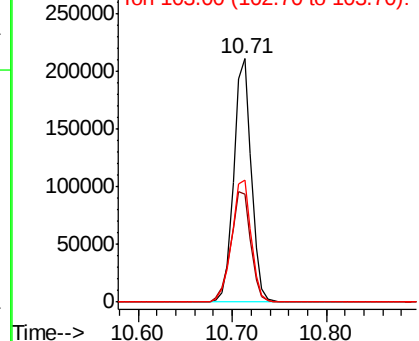


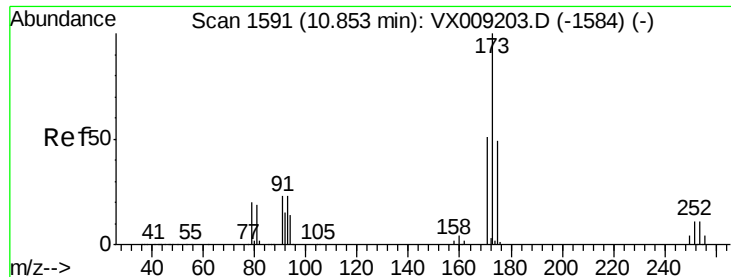
#70
Styrene
Concen: 53.751 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion:104 Resp: 271913
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.4
103 55.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.013 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

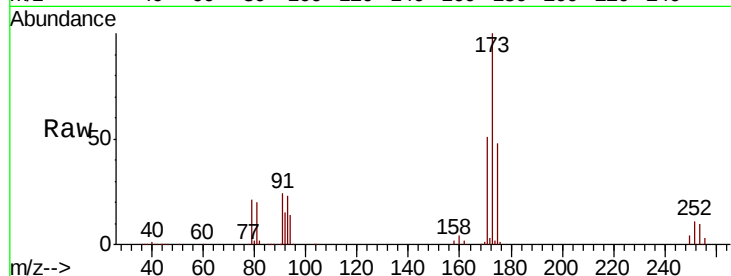
Tot Ion:173 Resp: 71093

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

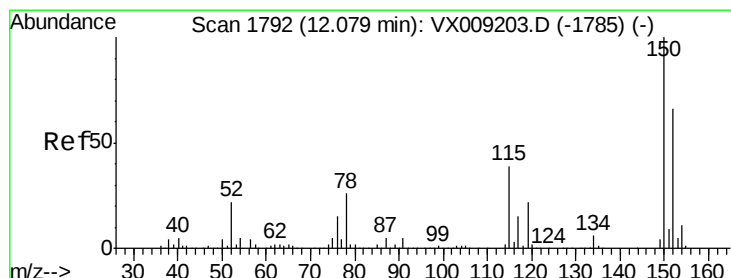
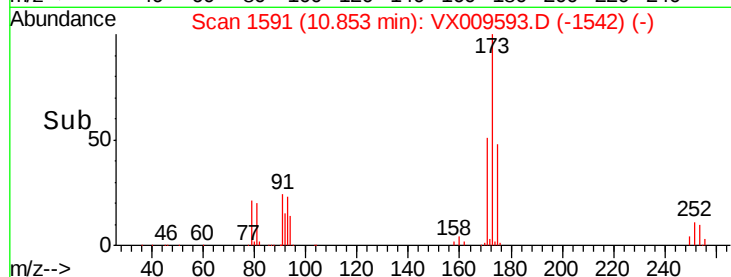
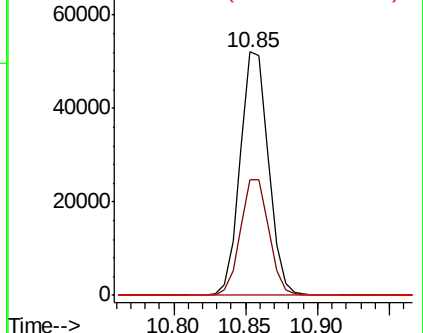
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

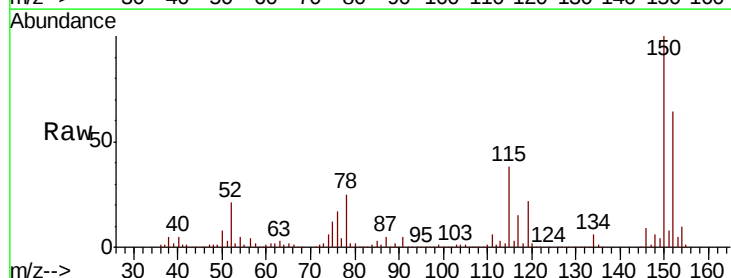
Tgt Ion:152 Resp: 111531

Ion Ratio Lower Upper

152 100

115 82.1 41.2 123.6

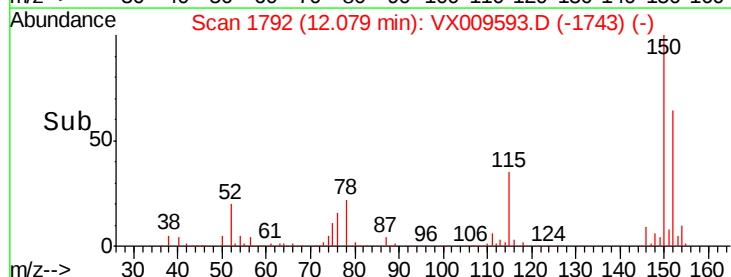
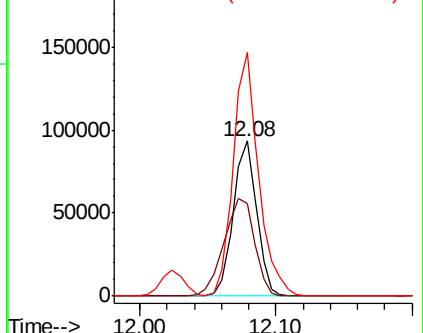
150 171.0 0.0 346.4

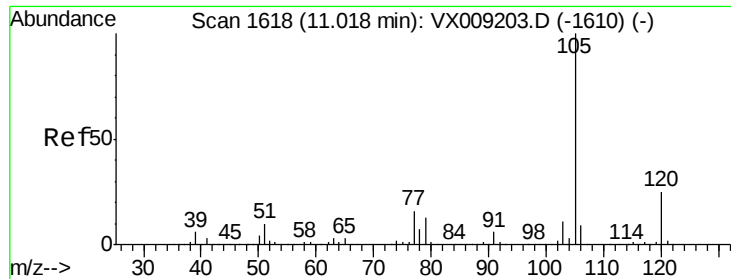


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.160 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

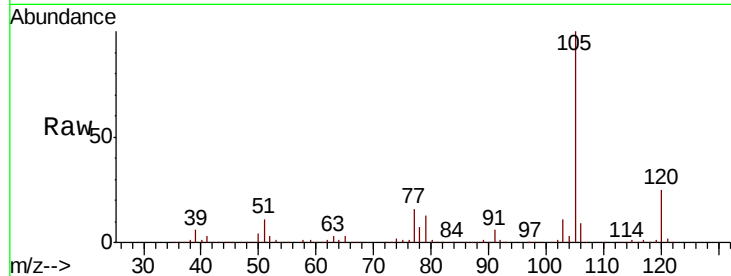
ClientSampleId :

Tot Ion:105 Resp: 406814

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

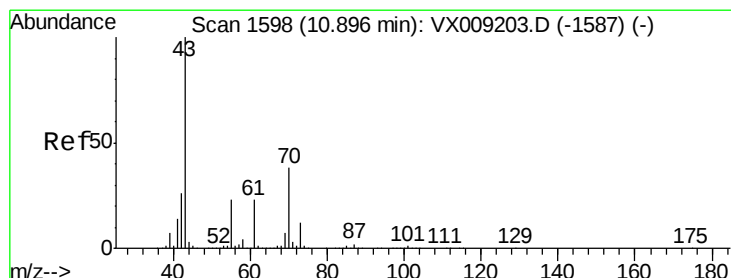
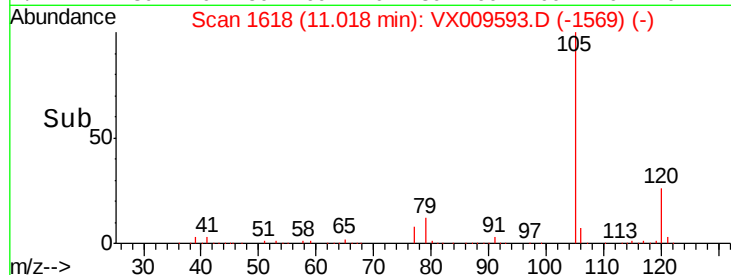
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 54.265 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Tgt Ion: 43 Resp: 256590

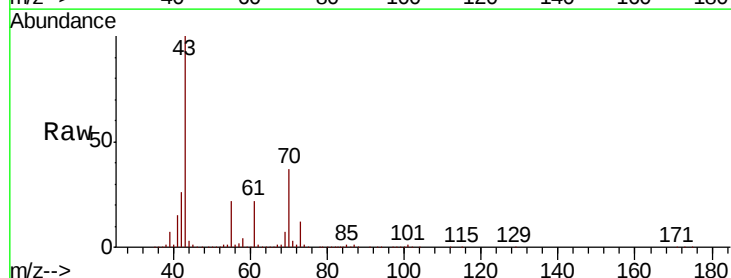
Ion Ratio Lower Upper

43 100

70 37.0 30.0 45.0

55 22.4 17.9 26.9

61 22.1 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

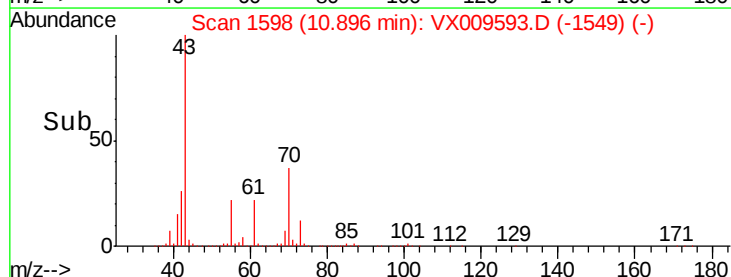
300000

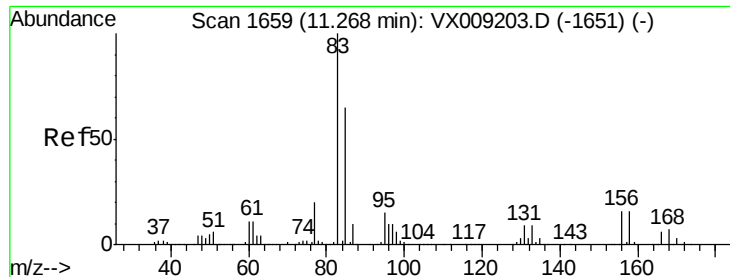
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.686 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

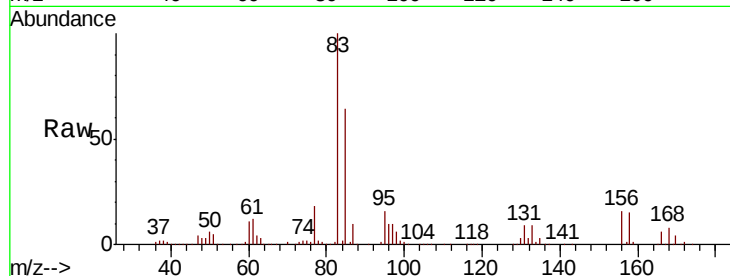
Tot Ion: 83 Resp: 156268

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

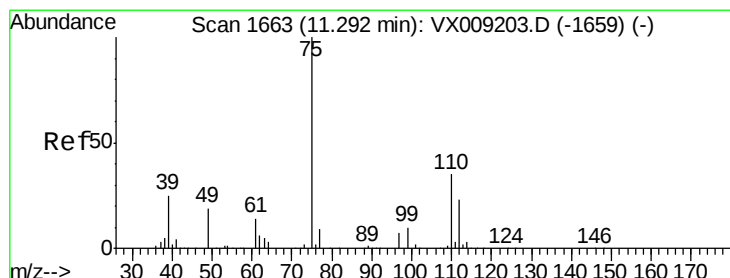
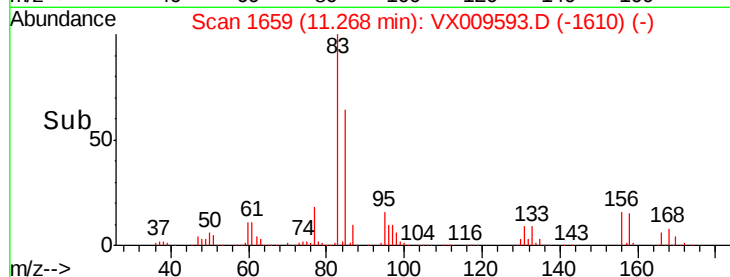
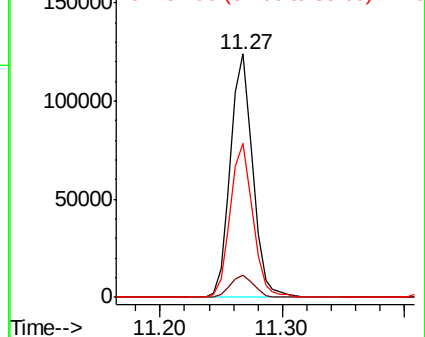
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.545 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009593.D

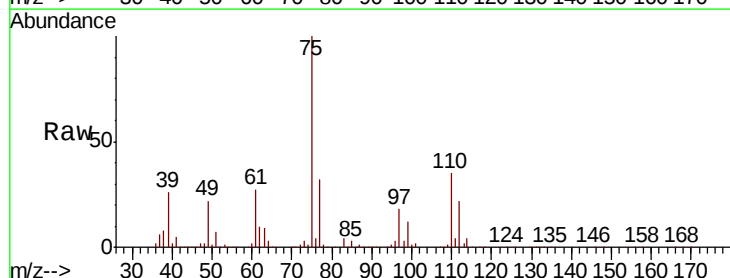
Acq: 15 May 2019 20:18

Tgt Ion: 75 Resp: 185096

Ion Ratio Lower Upper

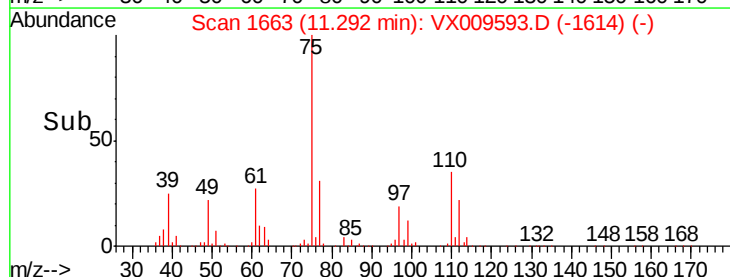
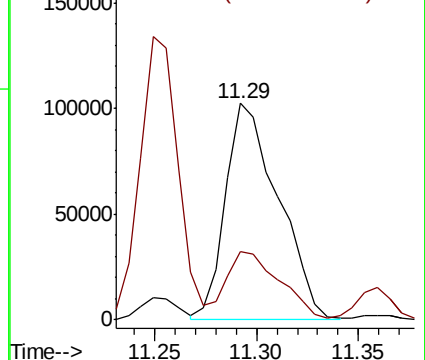
75 100

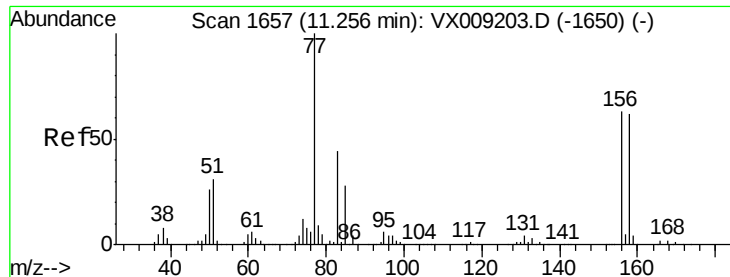
77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.684 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

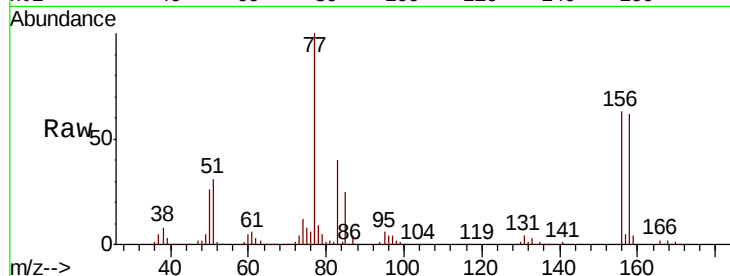
Tot Ion:156 Resp: 104042

Ion Ratio Lower Upper

156 100

77 166.0 84.8 254.3

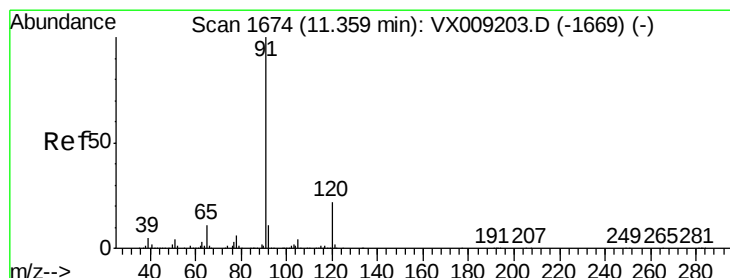
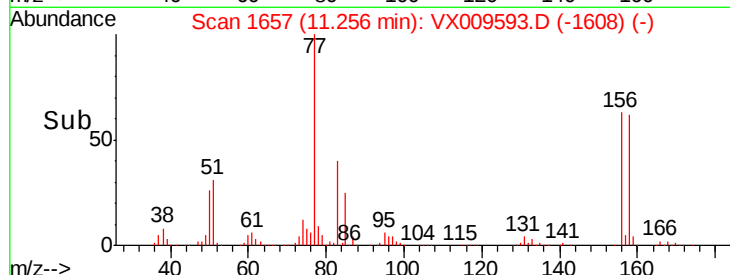
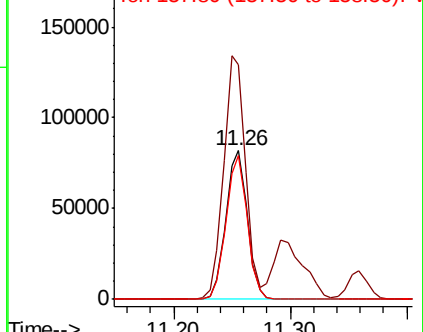
158 95.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.795 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009593.D

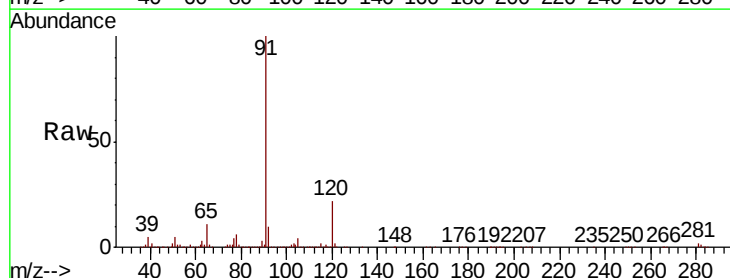
Acq: 15 May 2019 20:18

Tgt Ion: 91 Resp: 470492

Ion Ratio Lower Upper

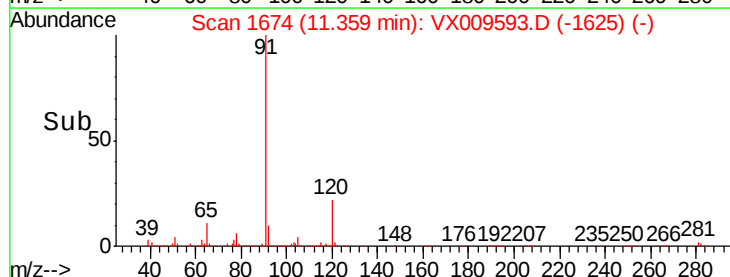
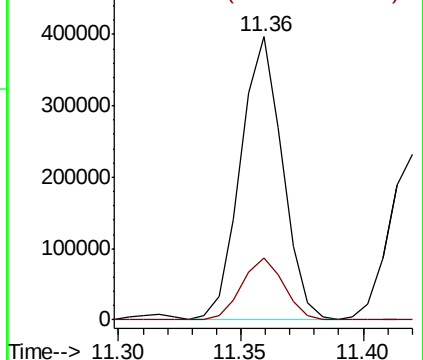
91 100

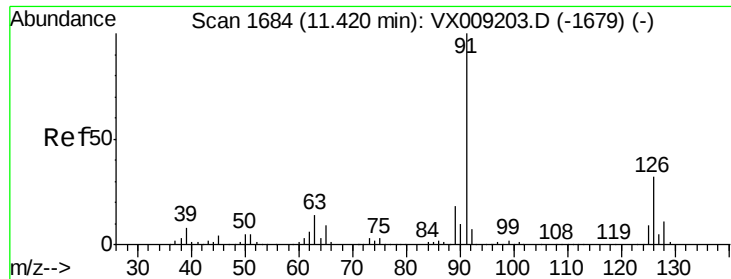
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

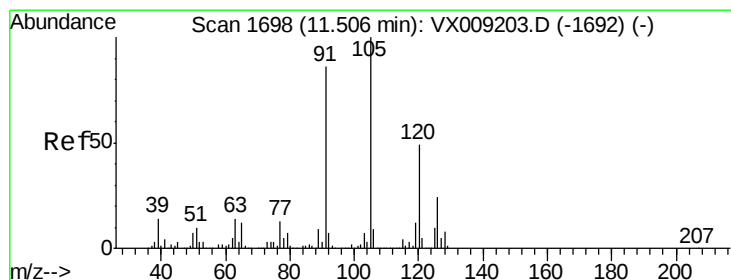
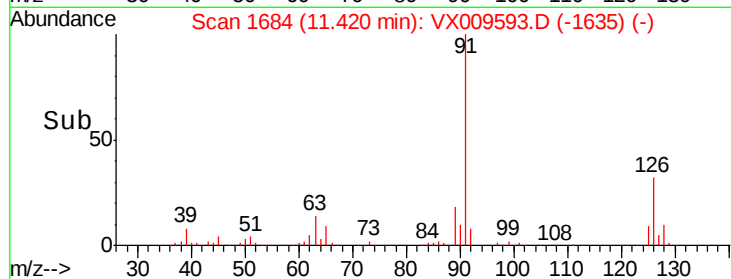
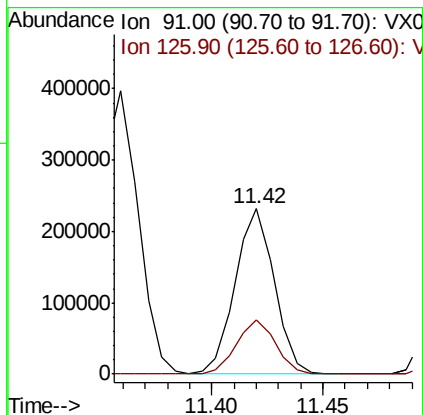
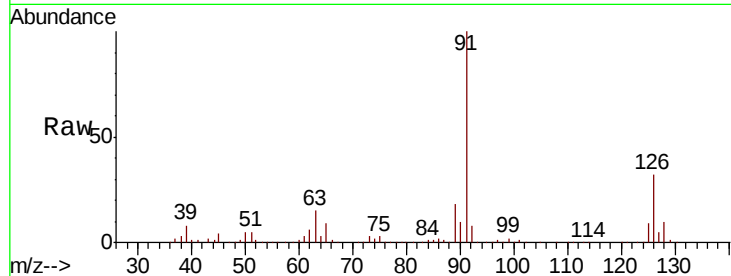




#79
 2-Chlorotoluene
 Concen: 49.686 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

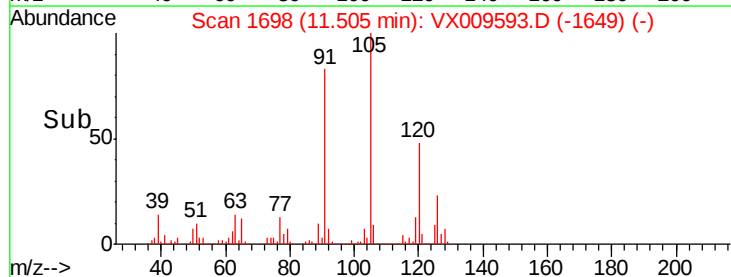
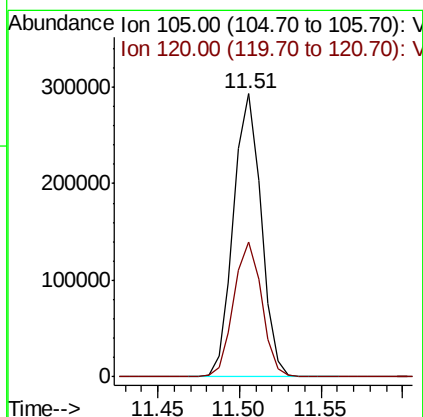
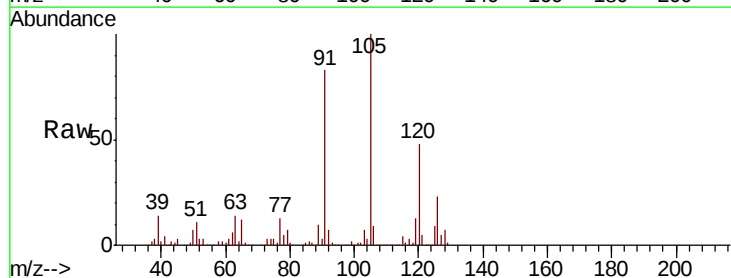
Instrument :
 MSVOA_X
 ClientSampled :

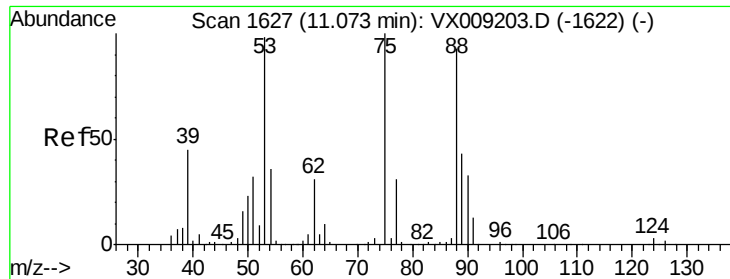
Tot Ion: 91 Resp: 283931
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.847 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion: 105 Resp: 347235
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.168 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

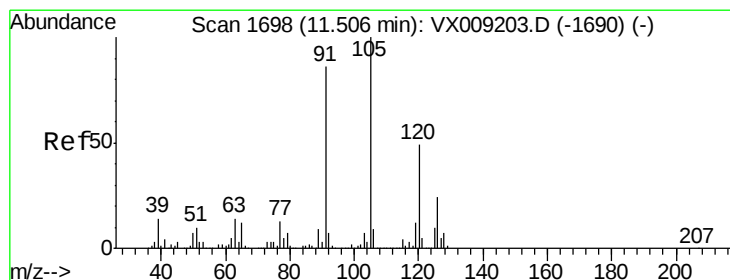
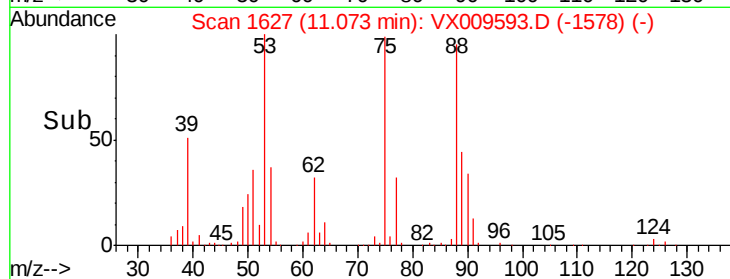
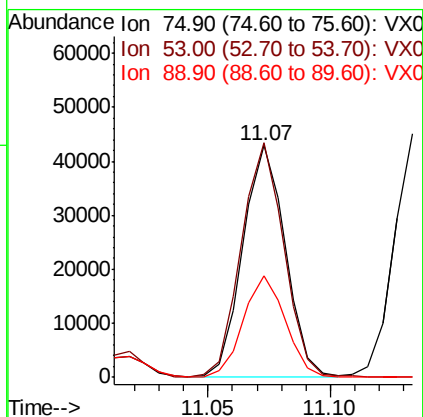
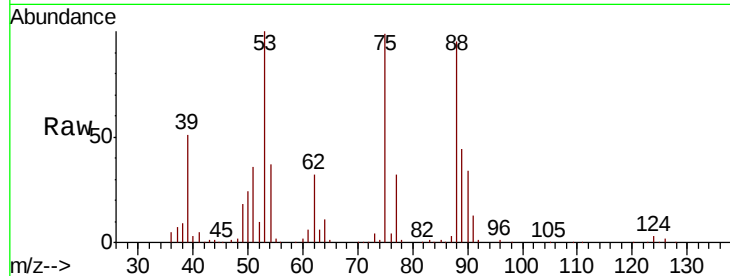
Tot Ion: 75 Resp: 51737

Ion Ratio Lower Upper

75 100

53 102.3 79.0 118.6

89 44.1 34.7 52.1



#82

4-Chlorotoluene

Concen: 50.571 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009593.D

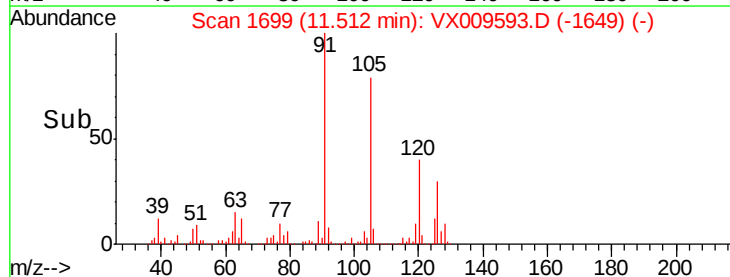
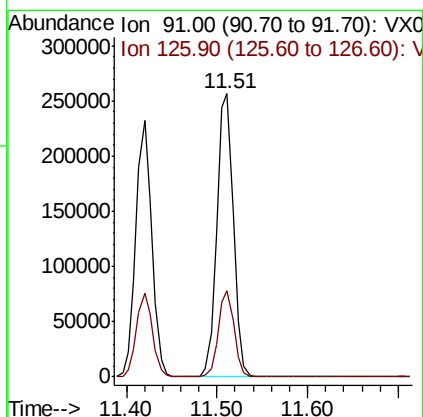
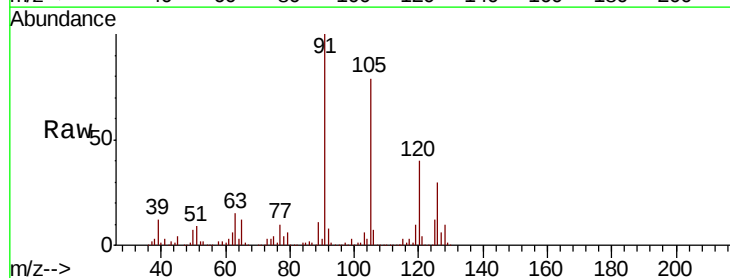
Acq: 15 May 2019 20:18

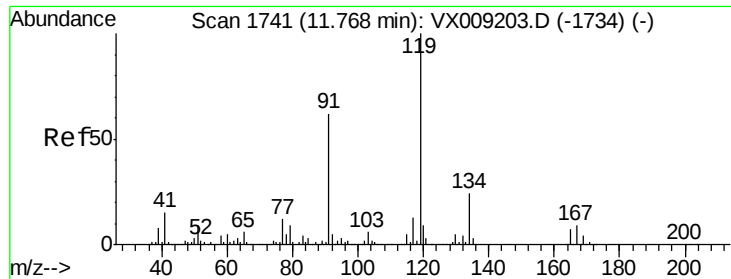
Tgt Ion: 91 Resp: 326476

Ion Ratio Lower Upper

91 100

126 29.1 14.5 43.6

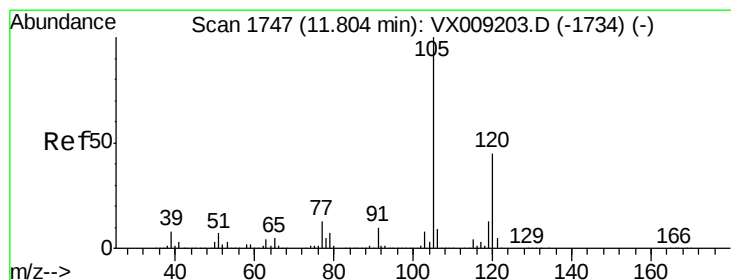
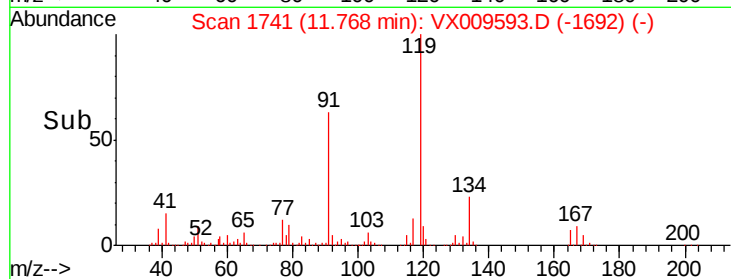
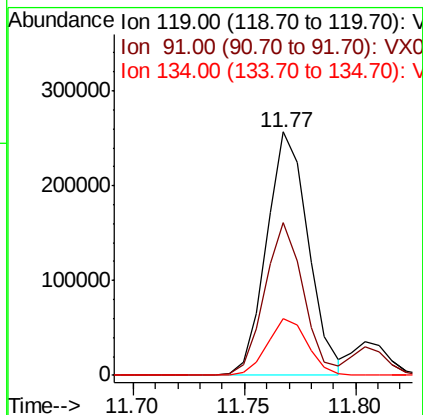
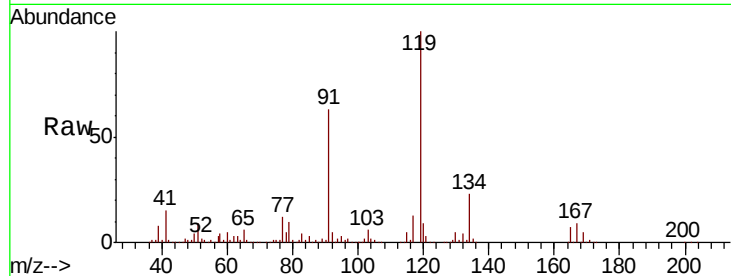




#83
 tert-Butylbenzene
 Concen: 50.177 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

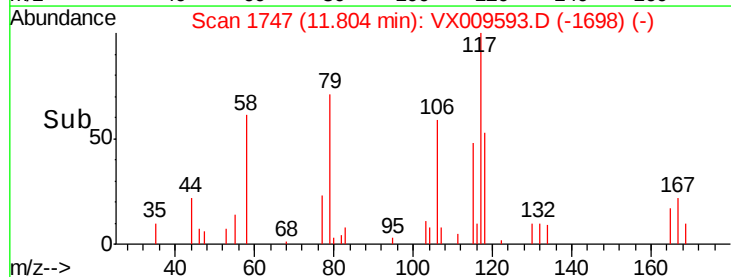
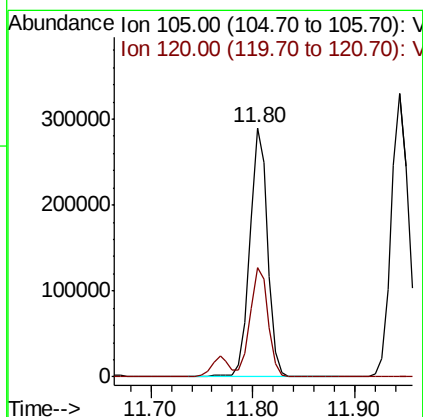
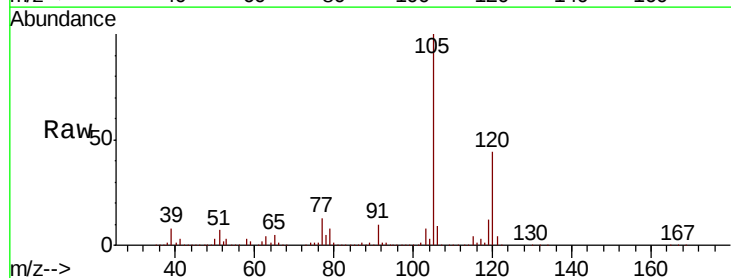
Instrument :
 MSVOA_X
 ClientSampleId :

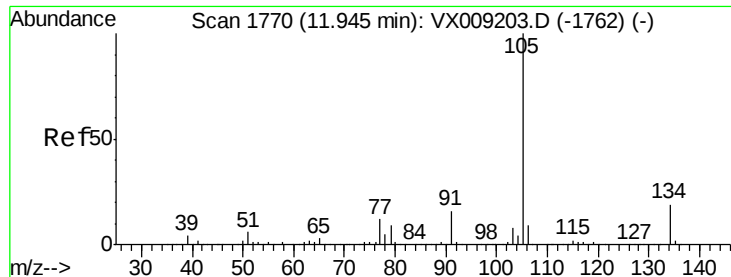
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	29.5	88.5
134	22.5	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.234 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0





#85

sec-Butylbenzene

Concen: 50.216 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

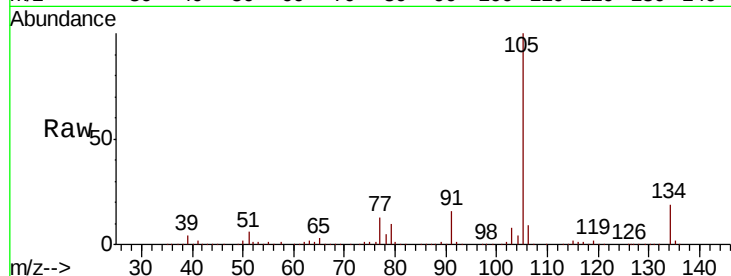
ClientSampleId :

Tot Ion:105 Resp: 395501

Ion Ratio Lower Upper

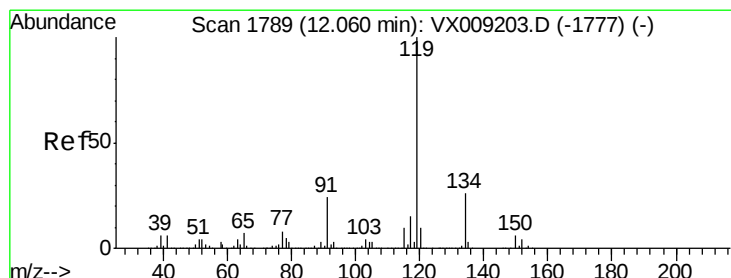
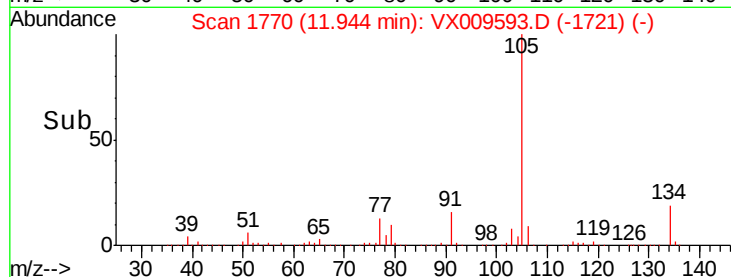
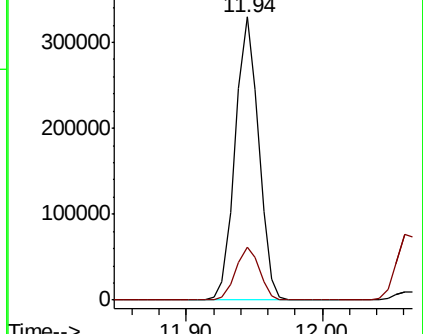
105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.868 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

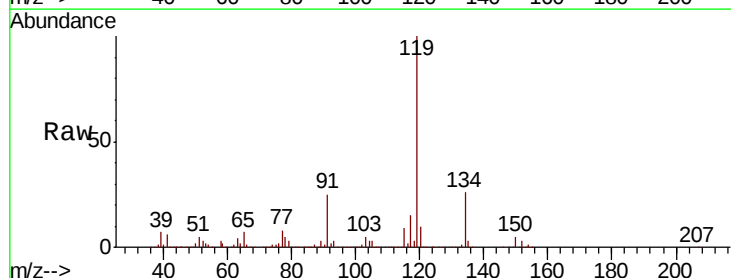
Tgt Ion:119 Resp: 360174

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

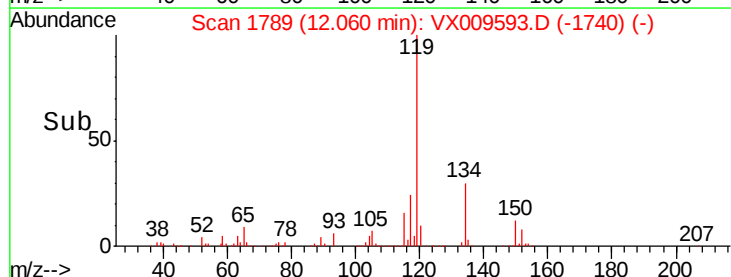
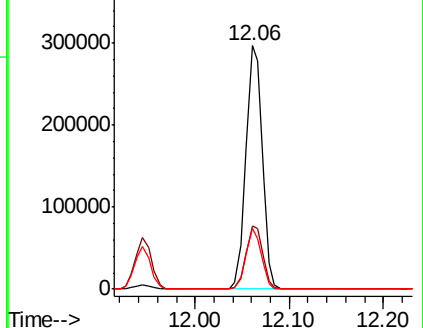
91 23.8 11.8 35.4

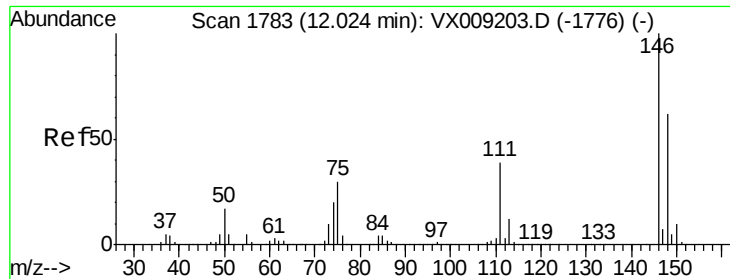


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

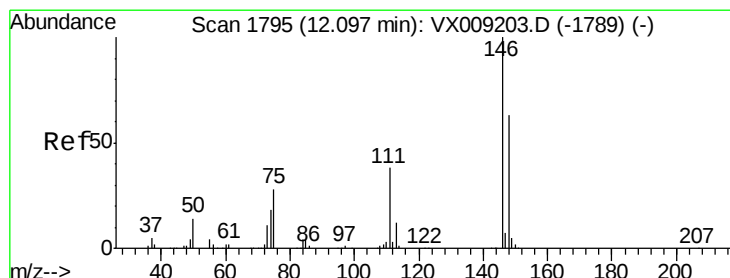
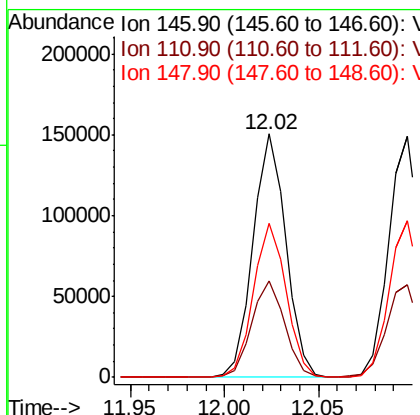
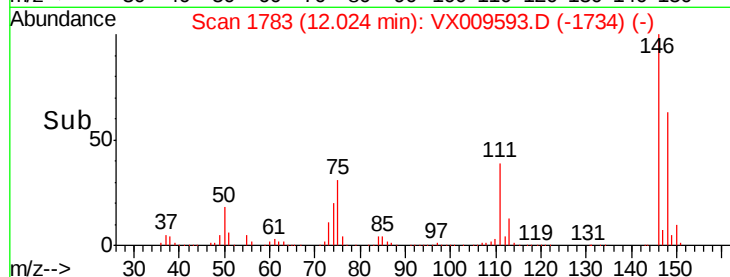
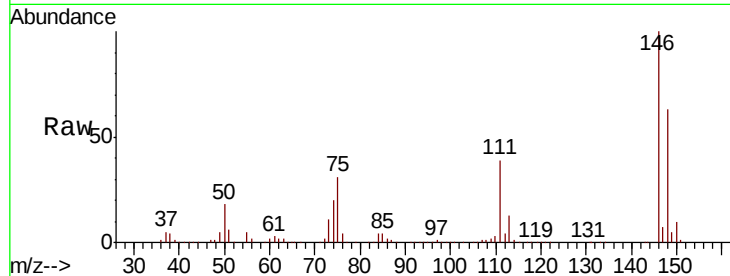




#87
 1,3-Dichlorobenzene
 Concen: 50.719 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

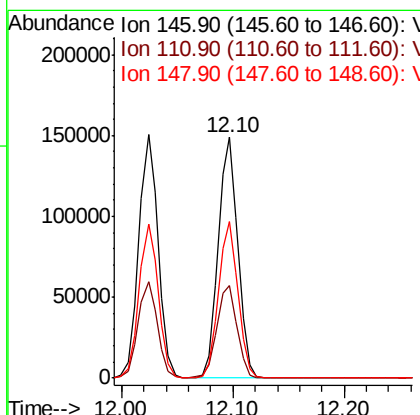
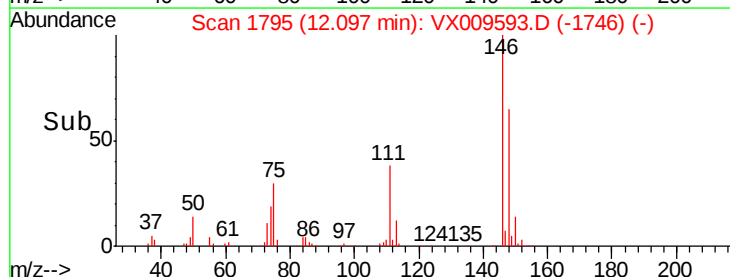
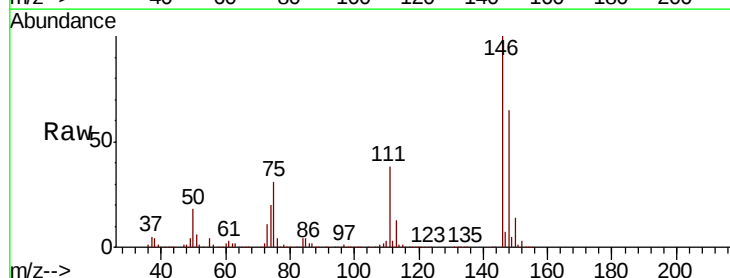
Instrument :
 MSVOA_X
 ClientSampleId :

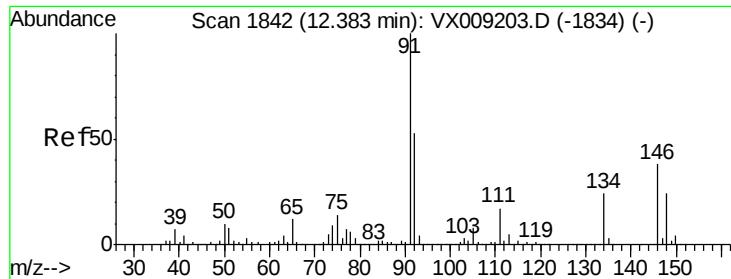
Tot Ion:146 Resp: 182010
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.037 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion:146 Resp: 181031
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 64.5 31.8 95.3

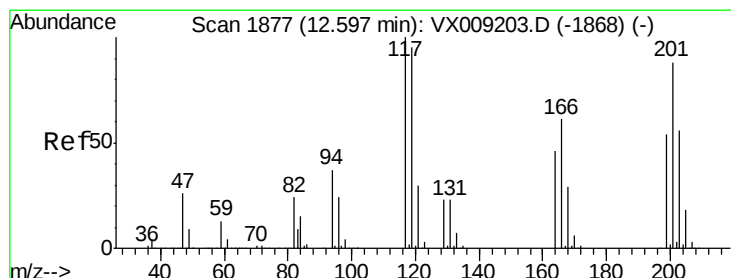
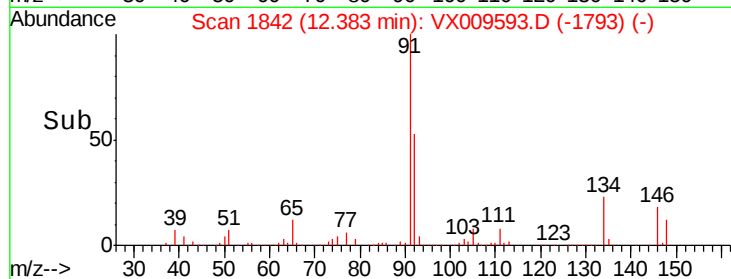
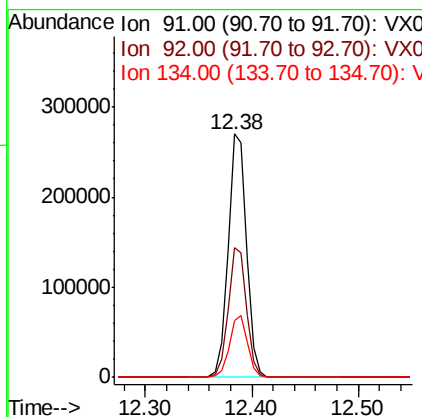
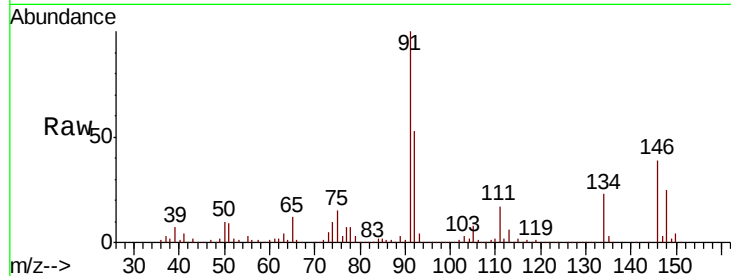




#89
n-Butylbenzene
Concen: 50.894 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

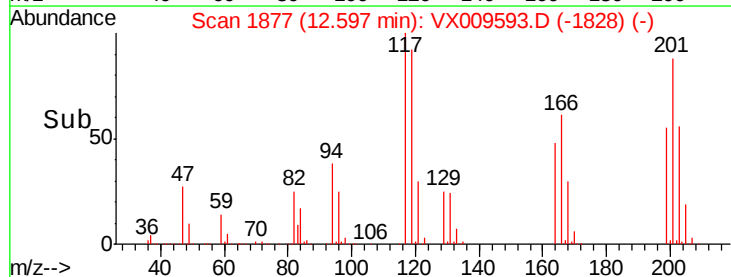
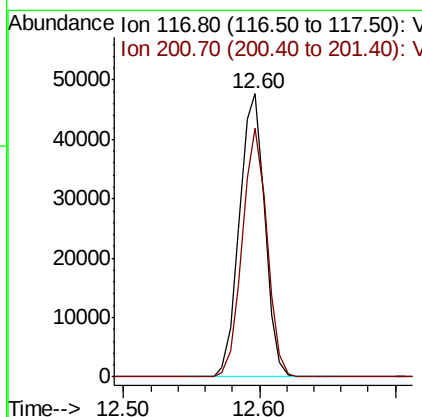
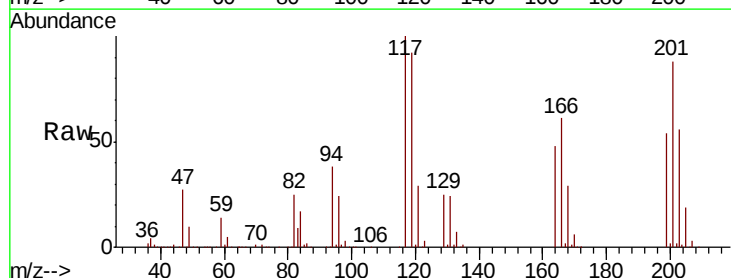
Instrument :
MSVOA_X
ClientSampleId :

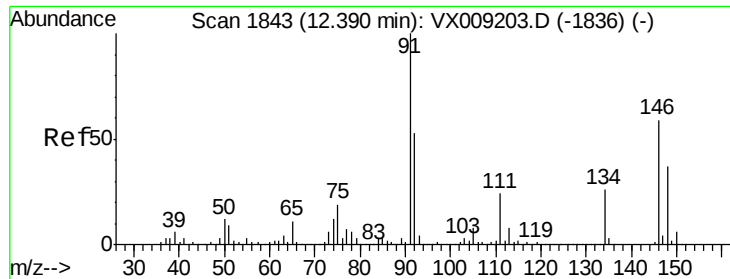
Tot Ion: 91 Resp: 325701
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.0 12.4 37.2



#90
Hexachloroethane
Concen: 51.346 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion: 117 Resp: 61938
Ion Ratio Lower Upper
117 100
201 85.3 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 50.059 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

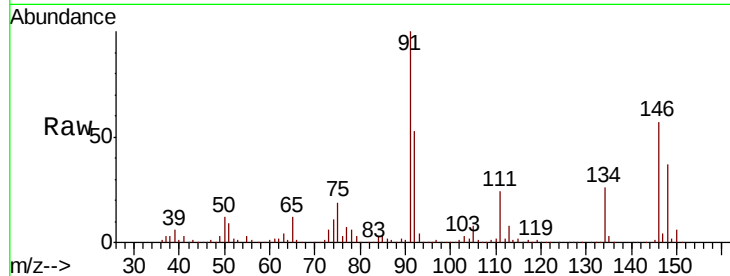
Tot Ion:146 Resp: 182973

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.4

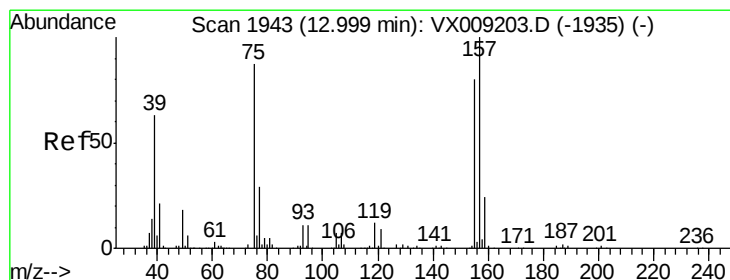
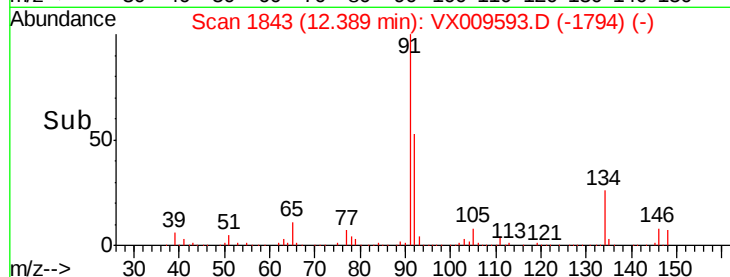
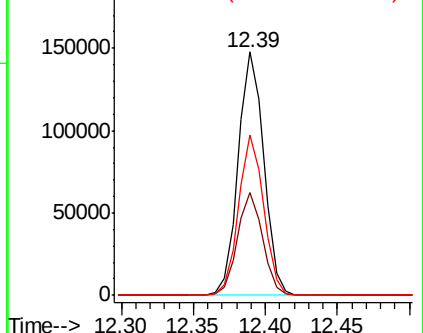
148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.914 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009593.D

Acq: 15 May 2019 20:18

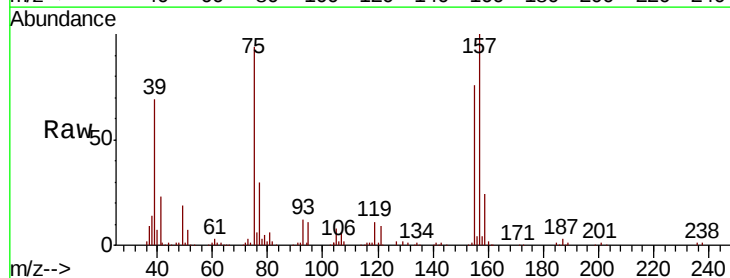
Tgt Ion: 75 Resp: 36567

Ion Ratio Lower Upper

75 100

155 80.2 42.0 126.0

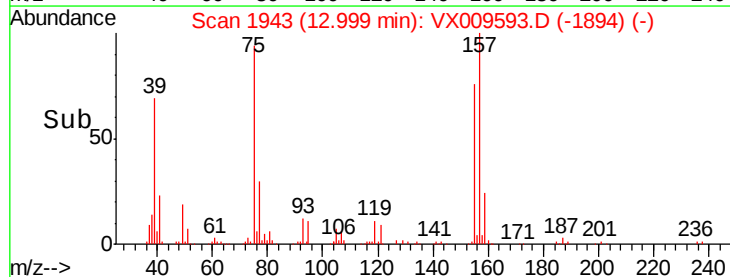
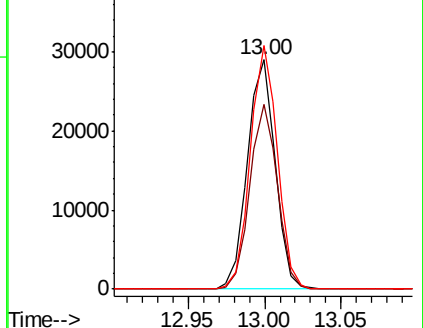
157 103.5 53.2 159.6

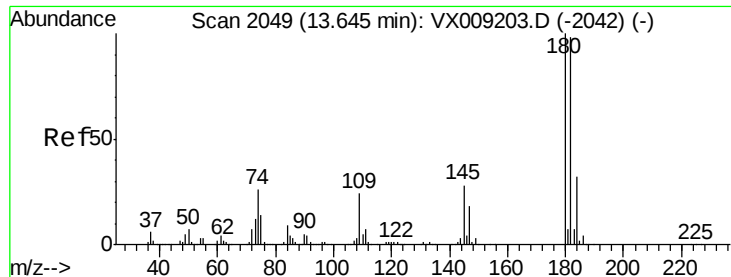


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

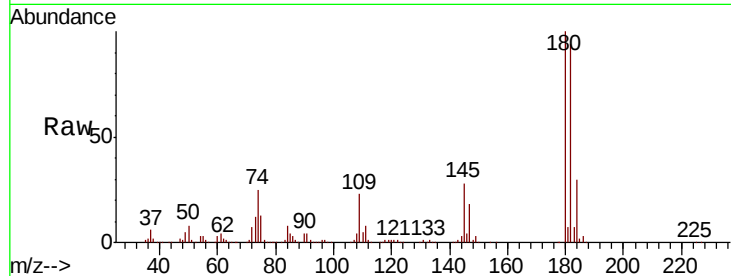




#93
 1,2,4-Trichlorobenzene
 Concen: 51.529 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.2
145	28.6	14.6	43.8

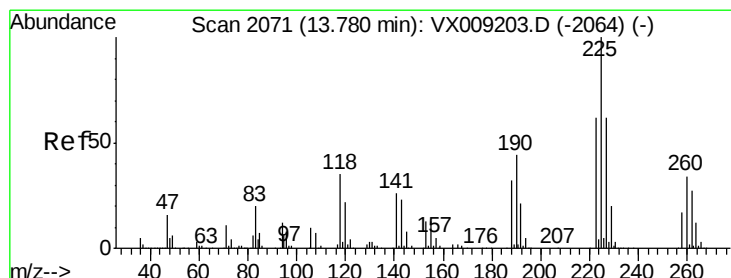
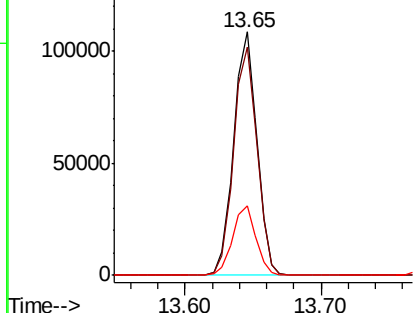
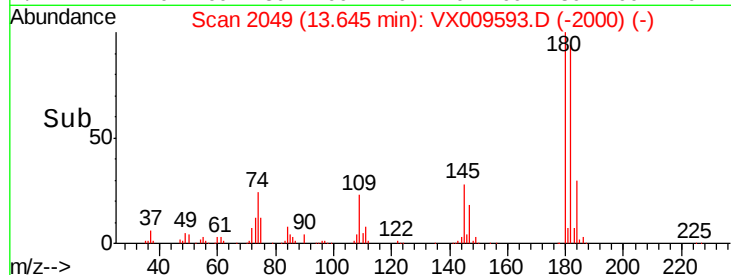


Abundance

Ion 179.80 (179.50 to 180.50): V

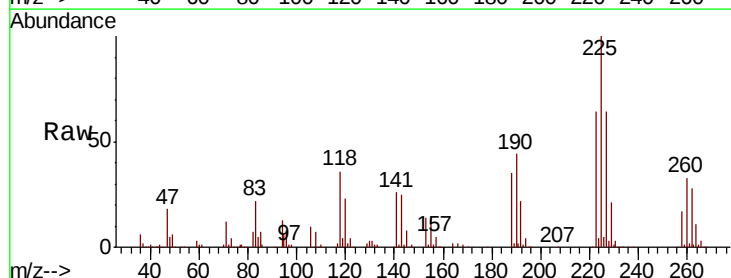
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.276 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009593.D
 Acq: 15 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.3	93.8
227	65.0	31.8	95.3

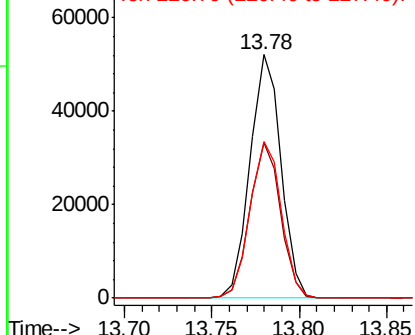
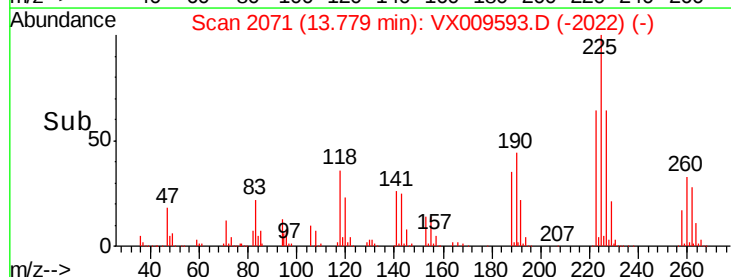


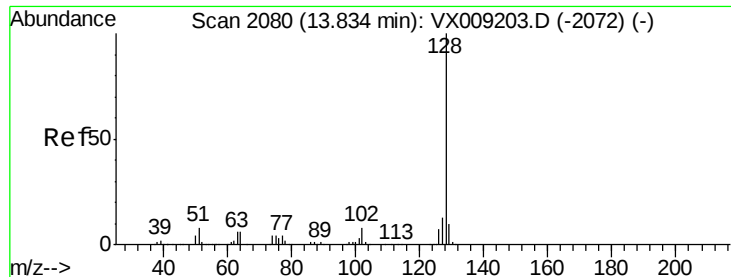
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

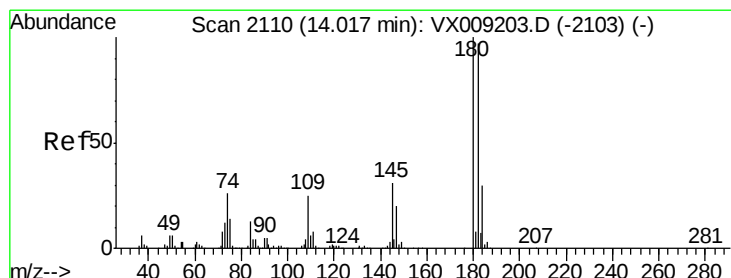
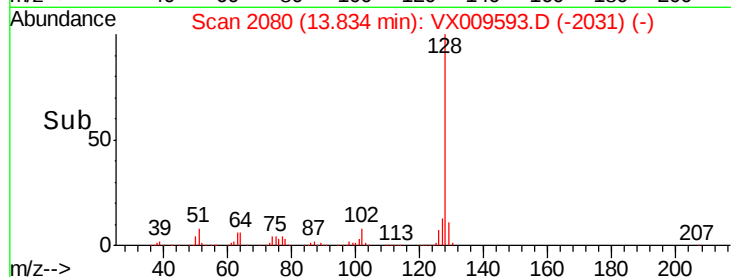
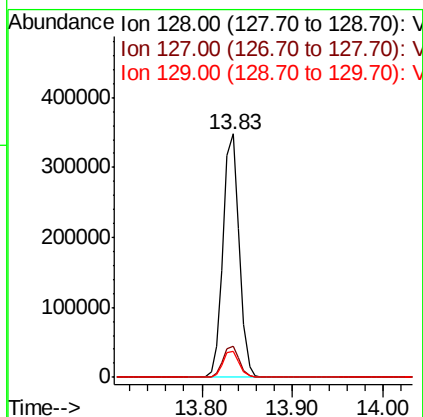
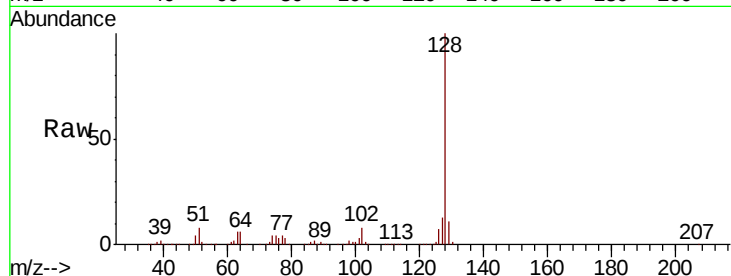




#95
Naphthalene
Concen: 53.045 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.285 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009593.D
Acq: 15 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	31.4	15.4	46.4

